

SB30089 components

LIVING COLOR

**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: Living Color

PRODUCT CODE: PP800

3627.

MSDS NUMBER: Not assigned

MSDS DATE: 01/03/2006

KEY NUMBER: Not assigned

EMERGENCY PHONE #'s: 845-426-1700

Mehron, Inc.

100 Red Schoolhouse Rd.

Chostrul Ridge, NY 10877

ph: 845-426-1700, fax: 845-426-1515

HEALTH

0

Normal material

FIRE

1

Flash Point: Above 200°F, 93°C

REACTIVITY

0

Stable

SPECIFIC

**1. IDENTIFICATION**

See Addendum:

Ref. PAGE:

Chemical Name: Not assigned

Chemical Family: Not assigned

CAS #: Not assigned

CAS Name: Not assigned

Synonyms / Common Name: Foundation/Grossapaint

DOT Information:

Chemical Formula: Not determined

Molecular Weight: Not determined

**2. PHYSICAL DATA**

See Addendum:

Ref. PAGE:

Appearance: Cream

Color: Pigmented cream

State: Semi-solid

Odor Characteristics: Carries slight odor.

pH: No data available.

Viscosity: No data available.

Specific Gravity (Water = 1): No data available.

Vapor Density (Air = 1): No data available.

Vapor Pressure: No data available.

Melting Point: No data available.

Boiling Point: No data available.

Flash Point: No data available.

Freezing Point: No data available.

Percent Volatility: No data available.

Evaporation Rate (BAE = 1): No data available.

Solubility in Water: No data available.

Solubility in Oil: No data available.

Solubility in Acetone: No data available.

**3. INGREDIENTS**

See Addendum:

Ref. PAGE: 5

| Material / Components | CAS #:     | CAS Name          | TLV Units | Approx. % |
|-----------------------|------------|-------------------|-----------|-----------|
| Petroleum             | 8009-03-8  | Petroleum         |           | 50-55     |
| Mineral Oil           | 8012-06-1  | Mineral Oil       |           | 15-25     |
| Ozokerite             | 12198-93-5 | Ozokerite         |           | 5-15      |
| Lanolin Anhydrous     | 8006-54-0  | Lanolin Anhydrous |           | 5-15      |

**4. FIRE AND EXPLOSION HAZARD DATA**

See Addendum:

Ref. PAGE:

Flash Point: No data available.

Flammable Limits Lower: No data available.  
 In Air % by volume: Upper

Extinguishing Media: Use carbon dioxide, dry chemical, or water spray.

Special Fire Fighting Procedures: Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear.

Unusual Fire & Explosion Hazards: No data available.

|  |  |   |                |
|--|--|---|----------------|
| <b>Mehron, Inc.</b><br>100 Red Schoolhouse Rd.<br>Chestnut Ridge, NY 10977<br>ph: 845-428-1700, fax: 845-426-1515  |  | <b>MATERIAL SAFETY DATA SHEET PAGE #:</b><br><b>PRODUCT NAME:</b> Lining Color<br><b>MSDS NUMBER:</b> Not assigned<br><b>MSDS DATE:</b> 01/08/2006<br><b>PRODUCT CODE:</b> PP800<br><b>KEY NUMBER:</b> Not assigned |                |
| <b>5. HEALTH HAZARD DATA</b>   |  | <input type="checkbox"/> See Addendum:  | <b>PAGE #:</b> |
| <b>Threshold Limit Value:</b>  |  |   |                |
| <b>Effects of Overexposure:</b>  |  |   |                |
| <b>Inhalation:</b> Not determined for this product.  |  |   |                |
| <b>Skin Contact:</b> Not determined for this product.  |  |   |                |
| <b>Eye Contact:</b> May cause moderate eye irritation.   |  |   |                |
| <b>Ingestion:</b> Not determined for this product.   |  |   |                |
| <b>Delayed Effects:</b> Not determined for this product.   |  |   |                |
| <b>Medical Conditions Aggravated by Exposure:</b> Not determined for this product.   |  |   |                |
| <b>6. FIRST AID MEASURES</b>   |  | <input type="checkbox"/> See Addendum:  | <b>PAGE #:</b> |
| <b>Inhalation:</b> Remove to fresh air. If discomfort persists, seek medical attention.  |  |   |                |
| <b>Skin Contact:</b> Wash exposed area with soap and water, remove contaminated clothing and obtain medical assistance if irritation occurs.                                 |  |   |                |
| <b>Eye Contact:</b> Immediately flush eyes with water for at least 15 minutes until no evidence of product remains. If irritation occurs or persists, get medical attention. |  |   |                |
| <b>Ingestion:</b> In the event of swallowing this material, dilute with large quantities of water or milk. Medical treatment should be supportive and symptomatic.           |  |   |                |
| <b>NOTES TO PHYSICIAN:</b> Not determined for this product.  |  |   |                |
| <b>7. REACTIVITY DATA</b>  |  | <input type="checkbox"/> See Addendum:  | <b>PAGE #:</b> |
| <b>Stability:</b> No data available.   |  |   |                |
| <b>Incompatibility: (materials to avoid)</b> None known.   |  |   |                |
| <b>Hazardous Combustion or Decomposition Products:</b> None known.   |  |   |                |
| <b>Hazardous Polymerization:</b> No data available.  |  |   |                |
| <b>Conditions to Avoid:</b> Avoid direct sunlight, conditions that may generate heat, and sources of ignition.   |  |   |                |
| <b>8. SPILL OR LEAK PROCEDURES</b>   |  | <input type="checkbox"/> See Addendum:  | <b>PAGE #:</b> |
| <b>Actions to take for Leaks &amp; Spills:</b> Scoop or shovel spilled material into a labeled container for disposal. Clean spill area thoroughly.                          |  |   |                |
| <b>Waste Disposal Method:</b> Observe all local and national regulations when disposing of this material.  |  |   |                |

Mehron, Inc.  
100 Red Schoolhouse Rd.  
Chestnut Ridge, NY 10977  
ph: 845-426-1700, fax: 845-428-1615

**MATERIAL SAFETY DATA SHEET PAGE #:**

**PRODUCT NAME:** Lining Color  
**MSDS NUMBER:** Not assigned  
**MSDS DATE:** 01/03/2006  
**PRODUCT CODE:** PP800  
**KEY NUMBER:** Not assigned

**9. SPECIAL PROTECTION INFORMATION**

See Addendum: Ref. PAGE:

**Respiratory Protection:** Respirators are not required for normal use of this material. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

**Eye Protection:** Glasses or goggles are recommended if eye contact is possible. Not required under normal conditions of use.

**Skin Protection:** None required for normal conditions of use.

**Other Clothing:** None required for normal conditions of use.

**Other Equipment:** None required for normal conditions of use.

**Engineering Controls:** None required for normal conditions of use.

**10. HANDLING AND STORAGE**

See Addendum: Ref. PAGE:

**Special Precautions:** Avoid contact with eyes. Avoid breathing vapor or mist.

**Other Precautions:** Keep in tightly closed containers away from heat and light.

**11. REGULATORY INFORMATION**

See Addendum: Ref. PAGE:

**Workplace Classifications:** This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200)

**12. TOXICOLOGICAL INFORMATION**

See Addendum: Ref. PAGE:

**Acute Data:** Not determined for this product.

**Reproductive /  
Teratology Data:** Not determined for this product.

**13. ECOLOGICAL INFORMATION**

See Addendum: Ref. PAGE:

**Fate in the Environment:** The environmental characteristics of this material have not been fully evaluated. Release to the environment should be avoided.

**14. DISPOSAL CONDITIONS**

See Addendum: Ref. PAGE:

**Procedures:** Observe all local and national regulations when disposing of this material.

**15. TRANSPORTATION INFORMATION**

See Addendum: Ref. PAGE:

**DOT Classification:** Not classed as dangerous goods according to international transport regulations.

**Warning Labels:** Not applicable.

Feb 15 06 01:49p

**Mehron, Inc.**

100 Road Schoolhouse Rd.  
Chestnut Ridge, NY 10977  
ph: 845-426-1700. fax:845-426-1515

**MATERIAL SAFETY DATA SHEET PAGE #:**

**PRODUCT NAME:** Lining Color  
**MSDS NUMBER:** Not assigned  
**MSDS DATE:** 01/03/2006  
**PRODUCT CODE:** PP800  
**KEY NUMBER:** Not assigned

**15. OTHER INFORMATION**

Disclaimer - The information contained in this Material Safety Data Sheet is believed to be accurate, and while it is provided in good faith, it is without warranty of any kind, express or implied.

Feb 15 06 01:49p

**Mehron, Inc.**

100 Red Schoolhouse Rd.  
 Chestnut Ridge, NY 10977  
 ph: 845-426-1700, fax:845-426-1615

**MATERIAL SAFETY DATA SHEET PAGE #:**

**PRODUCT NAME:** Lining Color  
**MSDS NUMBER:** Not assigned  
**MSDS DATE:** 01/03/2006  
**PRODUCT CODE:** PP800  
**KEY NUMBER:** Not assigned

**ADDENDUM for Section - 3. INGREDIENTS - Ref. Pg. 1**

| Material / Components       | CAS #:       | CAS Name                    | TLV Units | Approx. % |
|-----------------------------|--------------|-----------------------------|-----------|-----------|
| Isopropyl Lanolate          | 63393-83-1   | Isopropyl Lanolate          |           | 0-5       |
| Sorbitan Sesquiolate        | 8007-43-0    | Sorbitan Sesquiolate        |           | 0-5       |
| Fragrance                   | Not assigned |                             |           | 0-2       |
| Titanium Dioxide            | 13463-67-7   | Titanium Dioxide            |           | 0-40      |
| Iron Oxides                 | 1309-37-1    | Iron Oxides                 |           | 0-85      |
| Ultramarines                | 12789-96-9   | CI 77007                    |           | 0-20      |
| Chromium Hydroxide Green    | 12001-99-9   | Chromium Hydroxide Green    |           | 0-10      |
| Chromium Oxide Green        | 1308-38-9    | Chromium Oxide Green        |           | 0-10      |
| D&C Red #6 Barium Lake      | 17852-98-1   | D&C Red #6 Barium Lake      |           | 0-14      |
| D&C Red #7 Calcium Lake     | 8281-04-9    | D&C Red #7 Calcium Lake     |           | 0-10      |
| D&C Yellow #5 Aluminum Lake | 12227-69-9   | D&C Yellow #5 Aluminum Lake |           | 0-10      |

**ADDENDUM for Section -**

**ADDENDUM for Section -**

SEP-26-1996 12:07

STRAHL & PITSCH

CASUALTY SIM. WAX

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved

OMB No. 1218-0072



IDENTITY (As Used on Label and List) CAS #8012-89-3 Yellow Beeswax -- Pastilles S.P. 6P

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name: STRAHL & PITSCH INC. Address: 230 Great East Neck Road, West Babylon, NY 11704. Emergency Telephone Number: 516-587-9000. Telephone Number for Information: 516-587-9000. Date Prepared: September 25, 1996. Signature of Preparer: John E. McDonald, Technical Director.

Section II - Hazardous Ingredients/Identify Information

Table with 5 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Content: NONE

Section III - Physical/Chemical Characteristics

Boiling Point: N/A. Specific Gravity (H2O = 1): 0.9. Vapor Pressure (mm Hg): N/A. Melting Point: USP Class II -- Open Capillary Tube 62-65°C. Vapor Density (AIR = 1): N/A. Evaporation Rate (Butyl Acetate = 1): N/A. Solubility in Water: Insoluble. Appearance and Odor: Yellow Waxy Pastilles.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 400°F Minimum C.O.C. Flammable Limits: LEL, UEL. Extinguishing Media: Dry Chemical. Special Fire Fighting Procedures: None. Unusual Fire and Explosion Hazards: None.

(Reproduce locally)

USUALLY SIMULATED WITH  
516 587 9120

SEP-26-1996 12:08

STRAHL & PITSCHE

**Section V — Reactivity Data**

|           |          |    |                     |     |
|-----------|----------|----|---------------------|-----|
| Stability | Unstable |    | Conditions to Avoid | N/A |
|           | Stable   | XX |                     |     |

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition or Byproducts None

|                          |                |    |                     |      |
|--------------------------|----------------|----|---------------------|------|
| Hazardous Polymerization | May Occur      |    | Conditions to Avoid | None |
|                          | Will Not Occur | XX |                     |      |

**Section VI — Health Hazard Data**

Route(s) of Entry: N/A      Inhalation?      Skin?      Ingestion? -

Health Hazards (Acute and Chronic) None

Carcinogenicity: None      NTP?      IARC Monographs?      OSHA Regulated?

Signs and Symptoms of Exposure N/A

Medical Conditions Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures None

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

If Molten, Allow To Solidify

Waste Disposal Method Remove To Landfill

Precautions to Be Taken in Handling and Storing Good Manufacturing Practices

Other Precautions None

**Section VIII — Control Measures**

Respiratory Protection (Specify Type) None

|             |                      |      |         |      |
|-------------|----------------------|------|---------|------|
| Ventilation | Local Exhaust        | None | Special | None |
|             | Mechanical (General) | None | Other   | None |

Protective Gloves None      Eye Protection None

Other Protective Clothing or Equipment None

Work/Hygienic Practices None

Body  
"It Stays"  
Adhesive PP2159

Attention: Jane Boise  
Company: Simulaidis, Inc.



**NEW HORIZONS DIVERSIFIED INTERESTS**

8149 Monument Drive • PO Box 1267  
Grants Pass, Oregon 97526-8716  
phone (541) 476-8782  
FAX (541) 479-0747

Section Five  
**Material Safety Data**

5.1 Hazard Signals

HEALTH\*: 1 REACTIVITY: 0  
FIRE: 1 OTHER: 0  
(0=insignificant;1=slight; 2=moderate;3=high;4=extreme)  
\*Short term contact or inhalation hazard only.

5.2 Emergency Contact

In Case of an Emergency, "IT STAYS!"® Body Adhesive is registered with  
POISONDEX®. Contact your Local *Poison Control Center* for more information.

5.3 Hazardous Ingredients/Identity Information

| <u>INGREDIENTS</u>   | <u>CAS No.</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>IDLH LEVEL</u> | <u>% OPT</u> |
|--|----------------|-----------------|------------------|-------------------|--------------|
| The names of the ingredients are being withheld as a Trade Secret under provisions of the Hazard communication Standard 29 CFR 1910.1200 |                |                 |                  |                   |              |

Product vapor 400 ppm 400 ppm

5.4 Physical/Chemical Characteristics

Boiling Point: >160°F Specific Gravity: 0.7 (H<sub>2</sub>O = 1)  
Vapor Pressure: 55 mmHg Evaporation Rate: 3 (n-Butyl Acetate = 1)  
Vapor Density: 2 (Air = 1)  
Solubility in Water: Complete  
Appearance and Odor: Clear gel with slight medicinal odor



"IT STAYS!"<sup>®</sup> Body Adhesive

Original Document Date: 03/31/92

Revision Date: 10/09/97

## TECHNICAL DOCUMENTATION

Page 2 of 3

### Section Five Material Safety Data (contd.)

#### 5.5 Fire and Explosion Hazard Data

Flash Point (method): appx 50°F (T.C.C.) Flammable Limits: 2 - 13% in air  
Extinguishing Media: Water, Dry chemical, CO<sub>2</sub>, Foam LEL: 2  
Special Fire Fighting Procedures: NONE UEL: 13  
Unusual Fire and Explosion Hazards: NONE

#### 5.6 Reactivity Data

Stability: STABLE Conditions to Avoid: NONE  
Incompatibility: STRONG OXIDIZERS  
Hazardous Decomposition Products: OXIDES OF CARBON  
Hazardous Polymerization: WILL NOT OCCUR

#### 5.7 Health Hazard Data

Threshold Limit Value: 400 ppm (vapor)  
Routes of Entry: Inhalation? YES Skin? NO Ingestion? YES  
Health Hazards (acute and chronic):  
Chronic: Unknown Acute: CNS Symptoms  
Carcinogenicity: NTP? NO IARC Monographs? NO  
OSHA Regulated? NO

Medical Conditions Generally Aggravated By Exposure: Conjunctivitis, Dermatitis,  
and Impaired Respiratory Functioning.

#### OVEREXPOSURE, signs and symptoms:

SKIN: No effects of exposure expected due to contact. May possibly cause  
irritation or dermatitis in some individuals upon prolonged contact.

INTERNAL: Stomach Upset

INHALATION: Dizziness

#### EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with cool running water for at least fifteen (15)  
minutes while holding the lids apart. Remove contact lenses if necessary. Obtain  
Medical Assistance.

**"IT STAYS!"<sup>®</sup> Body Adhesive**

Original Document Date: 03/31/92

Revision Date: 10/09/97

**TECHNICAL DOCUMENTATION**

Page 3 of 3

**Section Five**  
**Material Safety Data (contd.)**

**SKIN:** If irritation occurs, wash with soap and water. If irritation persists, then obtain medical attention.

**INTERNAL:** If swallowed, call 911 immediately for emergency assistance. Rinse mouth with water, then drink 1 to 2 glasses of water. Induce vomiting.

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!**

**INHALATION:** If dizziness occurs, remove to fresh air; obtain medical assistance if necessary.

**5.7 Precautions for Safe Handling and Use**

In Case Material Is Released or Spilled:

**Small Spills:** flush to drain with water; wash area with detergent.

**Precautions to be Taken in Handling and Storing:** NONE

**Other Precautions:** NONE

**5.8 Control Measures**

Respiratory Protection (specify type): NONE

Ventilation: Local Exhaust: NA Special: NA

Mechanical (general): ADEQUATE

Protective Gloves: RUBBER OR VINYL FOR SPILL CLEANUP

Eye Protection: GOGGLES FOR SPILL CLEANUP

Other Protective Clothing or Equipment: NONE

Work Hygiene Practices: AFTER USING OR SPILL CLEANUP WASH WITH SOAP AND WATER

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**END OF SECTION**

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**DISCLAIMER**

This information is furnished gratuitously, independent of any sale, and for your independent verification. Although New Horizons believes the data to be correct as of the date indicated, no representation as to its accuracy is made, and such information may not be valid when product is used in any process or combined with other materials. No representation(s), guarantee, or warranty, either express, implied, or of any nature, is made with respect to the data provided.

Telephone 642 - 4238

# BERGER BROTHERS, INC.

## CHARCOAL

1176 N. CHERRY AVENUE

CHICAGO, ILL. 60622

March 1993

### MATERIAL SAFETY DATA SHEET

- CHARCOAL -

**Common Synonyms:** Vegetable carbon  
Animal carbon  
Activated charcoal  
Wood charcoal  
Shell charcoal  
Mineral carbon

Solid powder, lumps or grains - black - odorless - may float or sink in water.

Shut off ignition sources. Call fire department. Stay upwind. Use water spray to "knock down" dust. Isolate and remove discharged material. Notify local health and pollution control agencies.

**Fire:** Combustible. POISONOUS GASES MAY BE PRODUCED IN FIRE. Flood discharge area with water.

**Exposure:** Dust: Irritating to eyes, nose and throat. Move victim to fresh air. If in eyes, hold eyelids open and flush with plenty of water.

Solid: Not harmful.

**Water Pollution:** Effect of low concentrations on aquatic life is unknown.  
May be dangerous if it enters water intakes.  
Notify local health and wildlife officials.  
Notify operators of nearby water intakes.

#### 1. RESPONSE TO DISCHARGE

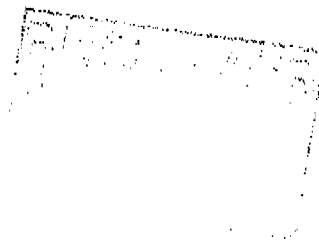
Issue warning-high flammability  
Disperse and flush

#### 2. LABEL

Category: Flammable solid  
Class: 4

#### 3. CHEMICAL DESIGNATIONS

CG Compatibility Class: Not listed  
Formula: C  
IMO/UN Designation: 4.2/1361, 1362  
DOT ID No.: 1361, 1362  
CAS Registry No.: 7440-44-0



INDUSTRIAL  
CHARCOAL

ESTABLISHED 1880

CHARCOAL  
BRIQUETS

4. **OBSERVABLE CHARACTERISTICS**  
Physical State (as shipped): Powder, lumps, grains or sticks  
Color: Black  
Odor: None
5. **HEALTH HAZARDS**  
Personal Protective Equipment: Respirator for dust  
Symptoms Following Exposure: No significant symptoms  
Treatment of Exposure: No treatment required  
Threshold Limit Value: 3.5 mg/m<sup>3</sup>  
Short Term Inhalation Limits: 7.0 mg/m<sup>3</sup>  
Toxicity by Ingestion: Non-toxic (actually used in therapy of poisoning cases)  
Late Toxicity: None  
Vapor (Gas) Irritant Characteristics: Not pertinent  
Liquid or Solid Irritant Characteristics: Data not available  
Odor Threshold: Not pertinent  
IDLH Value: Data not available.
6. **FIRE HAZARDS**  
Flash Point: Flammable solid; may ignite spontaneously in air  
Flammable Limits in Air: Not pertinent  
Fire Extinguishing Agents: Water  
Fire Extinguishing Agents Not to be Used: Not pertinent  
Special Hazards of Combustion Products: Incomplete combustion forms toxic carbon monoxide  
Behavior in Fire: Not pertinent  
Ignition Temperature: 600-750 F  
Electrical Hazard: Class I, Group F  
Burning Rate: Not pertinent  
Adiabatic Flame Temperature: Data not available  
Stoichiometric Air to Fuel Ratio: Data not available  
Flame Temperature: Data not available.
7. **CHEMICAL REACTIVITY**  
Reactivity with Water: No reaction  
Reactivity with Common Materials: No reaction  
Stability During Transport: May ignite spontaneously in air.  
Neutralizing Agents for Acids and Caustics: Not pertinent  
Polymerization: Not pertinent  
Inhibitor of Polymerization: Not pertinent  
Molar Ratio: (Reactant to Product): Data not available  
Reactivity Group: Data not available
8. **WATER POLLUTION**  
Aquatic Toxicity: None  
Waterfowl Toxicity: None  
Biological Oxygen Demand (BOD): None  
Food Chain Concentration Potential: None

**9. SHIPPING INFORMATION**

Grades of Purity: Various grades:

those containing appreciable volatile material are more likely to catch fire. All shipments must be exposed to air and so certified

Storage Temperature: Ambient  
Inert Atmosphere: No requirement  
Venting: Open (flame arrester)

**10. HAZARD ASSESSMENT CODE**

(See Hazard Assessment Handbook)

**11. HAZARD CLASSIFICATIONS**

Code of Federal Regulations: Flammable solid  
NAS Hazard Rating for Bulk Water Transportation: Not listed  
MFPA Hazard Classification: Not listed

**12. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State at 15 C and 1 atm: Solid  
Molecular Weight: 12  
Boiling Point at 1 atm: Very high  
Freezing Point: Not pertinent  
Critical Pressure: Not pertinent  
Specific Gravity: 2 at 20 C (solid)  
Liquid Surface Tension: Not pertinent  
Liquid Water Interfacial Tension: Not pertinent  
Vapor (Gas) Specific Gravity: Not pertinent  
Ratio of Specific Heats of Vapor (Gas): Not pertinent  
Latent Heat of Vaporization: Not pertinent  
Heat of Combustion: 14,100 Btu/lb = 7,830 cal/g = 328 x 10 J/kg  
Heat of Decomposition: Not pertinent  
Heat of Solution: Not pertinent  
Heat of Polymerization: Not pertinent  
Heat of Fusion: Data not available  
Limiting Value: Data not available  
Reid Vapor Pressure: Data not available

# WITCO MATERIAL SAFETY DATA SHEET

PRODUCT: WHITE FONOLINE

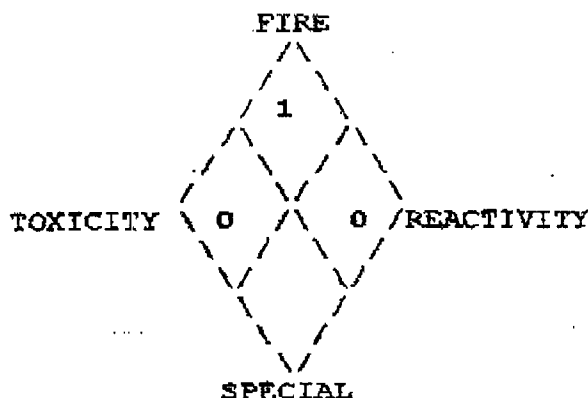
*Petroleum Jelly* **1050.**

CAS NO: 8009-03-8

Revision Date: 10/01/97 ✓  
Supersedes: 10/03/94

### HAZARD RATINGS

- N 4 - Extreme
- F 3 - High
- P 2 - Moderate
- A 1 - Slight
- 0 - Insignificant



### DIVISION AND LOCATION---SECTION I

Division: Witco, Performance Chemicals Group  
Location: PETROLIA, PA  
P.O. Box 336, PETROLIA, PA 16050  
Emergency Telephone Number: (412)-756-2210  
Transportation Emergency: CHEM TREC 1-(800)-424-9300 (U.S. and Canada)

### CHEMICAL AND PHYSICAL PROPERTIES---SECTION II

Formula: a mixture of hydrocarbons refined from petroleum  
Chemical Name:  
Petrolatum USP ✓  
Hazardous Decomposition Products:  
Carbon monoxide and carbon dioxide from burning.  
Incompatibility (keep away from):  
Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.  
Toxic and Hazardous Ingredients:  
none  
Form: semi-solid  
Appearance: opaque  
Specific Gravity (water=1): less than 1  
Boiling Point: no data available  
Melting Point: 38 to 60°C (100 to 140°F)  
Solubility in Water (by weight %): nil  
Volatile (by weight %): 0 at 25°C  
Evaporation Rate: 0 at 25°C  
Vapor Pressure (mm Hg at 20°C): less than .0005  
Vapor Density (air=1): not applicable  
pH (as is): not applicable  
Stability: Product is stable under normal conditions  
Viscosity SUS at 100°F: not applicable  
(continued on next page)

Odor: none  
Color: white to amber

**RUGER CHEMICAL CO. INC.**  
83 CORDIER ST.  
IRVINGTON, N.J. 07111  
1-800-274-RUGER (973) 926-0331

## WITCO MATERIAL SAFETY DATA SHEET

PRODUCT: WHITE FONOLINE

### FIRE AND EXPLOSION DATA---SECTION III

#### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus. Water spray is an unsuitable extinguishing agent. (See Extinguishing Agents)

#### Unusual Fire and Explosion Hazards:

none

Flashpoint: (Method Used- ASTM D-92) greater than 204°C (400°F)

Flammability limits %: no data available

#### Extinguishing agents:

DryChemical or Waterfog or CO<sub>2</sub> or Foam or Sand/Earth. Closed containers exposed to fire may be cooled with water.

### HEALTH HAZARD DATA---SECTION IV

#### Permissible concentrations (air):

See Comments Section IX

#### Chronic effects of overexposure:

no data available

#### Acute toxicological properties:

no data available

#### Emergency First Aid Procedures:

Eyes: For molten product only, immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: If burned by contact with hot material, cool burned skin area as quickly as possible by immersing in cold water, or applying cold water. Call a physician.

Inhalation: not applicable

If Swallowed: Contact a physician immediately.

### SPECIAL PROTECTION INFORMATION---SECTION V

#### Ventilation Type Required (Local,mechanical, special):

See Comments Section IX

#### Respiratory Protection (Specify type):

none

#### Protective Gloves:

heat protective impervious gloves when handling molten product.

#### Eye Protection:

chemical safety goggles and, if handled hot, full face shield.

#### Other Protective Equipment:

coveralls when handling molten product

(continued on next page)

# WITCO MATERIAL SAFETY DATA SHEET

PRODUCT: WHITE FONOLINE

## HANDLING OF SPILLS OR LEAKS---SECTION VI

### Procedures for Clean-Up:

Shut off leak and dike up large spills. After cooling and solidification, scrape and/or shovel up material. Finally, clean area with an oil absorbent material.

### Waste Disposal:

Dispose of in accordance with all applicable Federal, State and local regulations.

## SPECIAL PRECAUTIONS---SECTION VII

### Precautions to be taken in handling and storage:

Keep away from heat and flames.  
Do not store near strong oxidizing agents.

### FOR BULK SHIPMENTS:

Product will normally be maintained in a heated, liquid form. Exercise suitable precautions to avoid thermal burns. Avoid breathing mist or fumes/vapors from hot material.

Maximum Storage Temperature: 93°C (200°F)

## TRANSPORTATION DATA---SECTION VIII

D.O.T.: Not Regulated

Reportable Quantity: not applicable

Freight Classification: Petrolatum

Special Transportation Notes:

none

## COMMENTS---SECTION IX

Under normal use conditions no absorption through the skin, by inhalation or other route of entry into the human body is anticipated. If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m<sup>3</sup> for mineral oil mist (OSHA and ACGIH). Petrolatum USP grades are fully refined materials meeting the requirements of the United States Pharmacopeia XXII and the requirements of the Food and Drug Administration as per Title 21 CFR parts 172.800 and 178.3700.

## LABEL INFORMATION

This product is made in a manner to insure quality, purity and stability. Handle carefully to preserve its original quality. May contain up to 10 ppm Butylated Hydroxytoluene (BHT) as stabilizer. Hazard warning label not required under OSHA Hazard Communication Standard 29 CFR 1910.1200

(continued on next page)



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03/05/2002 11:03 9739261760

SIMULAIDS  
RUGER CHEMICAL

**WITCO MATERIAL SAFETY DATA SHEET**

**PRODUCT: WHITE FONOLINE**

(LABEL INFORMATION continued)

**SPILLS OR LEAKS:** Shut off leak and dike up large spills. After cooling and solidification, scrape and/or shovel up material. Finally, clean area with an oil absorbent material. Dispose of in compliance with Federal, State, and local regulations.

**FOR MANUFACTURING USE ONLY. SEE MATERIAL SAFETY DATA SHEET FOR DETAILED INFORMATION.**

**ATTENTION:** Do not use pressure to empty this container. When empty, container may have vapor or product residue. Do not cut, puncture or weld on or near the drum.

**NJ/PA R-T-K Info: Petrolatum CAS No. 8009-03-8.**

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Approved by: Kenneth Blair 203-552-3467  
Title: MANAGER, REGULATORY AFFAIRS

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

# PYLAM Products Company, Inc.

## MATERIAL SAFETY DATA SHEET

### I. MATERIAL IDENTIFICATION

NAME: PYLAKLOR<sup>®</sup> BLOOD RED LX-9344  
MANUFACTURER/DISTRIBUTOR: PYLAM PRODUCTS COMPANY INC.  
1001 STEWART AVE.  
GARDEN CITY, N.Y. 11530

TELEPHONE NUMBER: (516) 222-1750

COLOR INDEX NAME/NUMBER: TRADE SECRET CAS NUMBER:

DATE PREPARED: 12/86 TYPE: MONOAZO, MONOAZO

---

II. HAZARDOUS COMPONENTS NONE AS PER 29CFR PART 1910.1200

---

### III. PHYSICAL DATA

ODOR : NONE  
FORM : POWDER  
COLOR : RED  
SOLUBILITY IN H<sub>2</sub>O: COMPLETE

---

### IV. HAZARDOUS REACTIVITY

INSTABILITY : STABLE. POLYMERIZATION: NOT OCCUR  
INCOMPATIBILITY: OXIDIZING AND REDUCING AGENTS  
DECOMPOSITION PRODUCTS: OXIDES OF NITROGEN AND OXYGEN

---

### V. FIRE AND EXPLOSION DATA

DUST MAY FORM EXPLOSIVE MIXTURE WITH AIR.  
EXTINGUISHING MEDIA: WATER. DRY CHEMICAL. CO<sub>2</sub>.  
SPECIAL FIRE FIGHTING INSTRUCTIONS: NONE

---

### VI. SPECIAL PROTECTION

GENERALLY APPLICABLE CONTROL MEASURES AND PROCEDURES

USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED.  
AVOID DUST GENERATION. DO NOT CONSUME FOOD, DRINK OR TOBACCO IN THE AREAS  
WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE: COVERALL CHEMICAL SPLASH GOGGLES  
PROTECTIVE GLOVES: RUBBER

## MATERIAL SAFETY DATA SHEET PAGE 2

**VII. HEALTH HAZARD DATA**

**TLV UNITS: NOT ESTABLISHED**  
**OVER EXPOSURE EFFECTS: NOT ESTABLISHED**

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**VIII. EMERGENCY FIRST AID**

**INHALATION** – IF LARGE AMOUNTS ARE INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN, AND CALL A PHYSICIAN.

**SKIN CONTACT** – FLUSH SKIN WITH WATER AFTER EXCESSIVE CONTACT. WASH THOROUGHLY WITH HANDCREAM OR HANDCLEANER.

**EYE CONTACT** – FLUSH EYES IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

**INGESTION** – INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER ALSO STICKING FINGER DOWN THROAT. NEVER GIVE FLUIDS TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

---

**IX. DISPOSAL AND LEAK INFORMATION**

USE AN ABSORBENT TO PREVENT DUSTING. SWEEP OR SHOVEL INTO A CONTAINER. WASH DOWN THE AREA WITH WATER.

**WASTE DISPOSAL METHOD**

BURY OR INCINERATE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

**DRUM DISPOSAL**

CONTAINERS SHOULD BE TRIPLE RINSED WITH WATER BEFORE DISPOSAL.

---

**X. SHIPPING DATA**

DOT PROPER SHIP – NOT REGULATED

---

**XI. STORAGE DATA**

STORE IN COOL, DRY PLACE.

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THE DATA AND INFORMATION GIVEN IN THIS MATERIAL SAFETY DATA SHEET ARE ACCURATE ON THE DATE OF PREPARATION. IT DOES NOT INDICATE ANY WARRANTY OR REPRESENTATION. WE DISCLAIM ALL LIABILITY RELATING TO USE OF THIS MATERIAL SINCE THIS IS BEYOND OUR CONTROL.

3

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



**IDENTITY (As Used on Label and List)**  
 LIQUID LATEX (BL-178)

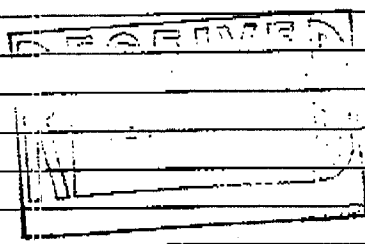
*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

**Section I**

|   |   |
|---|---|
| <b>Manufacturer's Name</b><br>MEHRON, INCORPORATED                          | <b>Emergency Telephone Number</b><br>(914)-258-4106       |
| <b>Address (Number, Street, City, State, and ZIP Code)</b><br>45E ROUTE 303 | <b>Telephone Number for Information</b><br>(914)-258-4106 |
| <b>VALLEY COTTAGE, NEW YORK 10989</b>                                       | <b>Date Prepared</b><br>FEBRUARY 16, 1989                 |
|   | <b>Signature of Preparer (optional)</b>                   |

**Section II — Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|----------|-----------|--------------------------|--------------|
| NONE IN REPORTABLE CONCENTRATIONS                                 |          |           |                          |              |



**Section III — Physical/Chemical Characteristics**

|                                |                                |  |       |
|--------------------------------|--------------------------------|--|-------|
| <b>Boiling Point</b>           | 212 °F                         | <b>Specific Gravity (H<sub>2</sub>O = 1)</b> | .94   |
| <b>Vapor Pressure (mm Hg.)</b> | 760mm                          | <b>Melting Point</b>                         | 32 °F |
| <b>Vapor Density (AIR = 1)</b> | .63                            | <b>Evaporation Rate (Butyl Acetate = 1)</b>  | 1     |
| <b>Solubility in Water</b>     | DISPERSIBLE                    |  |       |
| <b>Appearance and Odor</b>     | OFF WHITE COLOR - AMMONIA ODOR |  |       |

**Section IV — Fire and Explosion Hazard Data**

|   |                         |            |            |
|---|-------------------------|------------|------------|
| <b>Flash Point (Method Used)</b>  | <b>Flammable Limits</b> | <b>LEL</b> | <b>UEL</b> |
| <b>Extinguishing Media</b><br>FOR DRY MATERIAL USE WATER, CO <sub>2</sub> , OR ABC DRY CHEMICAL             |                         |            |            |
| <b>Special Fire Fighting Procedures</b><br>USE MASKS TO REMOVE SMOKE AND ORGANIC VAPOR FROM RESPIRABLE AIR. |                         |            |            |
| <b>Unusual Fire and Explosion Hazards</b><br>NONE   |                         |            |            |

**Section V — Reactivity Data**

|           |          |   |                     |
|-----------|----------|---|---------------------|
| Stability | Unstable |   | Conditions to Avoid |
|           | Stable   | X |                     |

**Incompatibility (Materials to Avoid)**

**Hazardous Decomposition or Byproducts**

|                          |                |   |                     |
|--------------------------|----------------|---|---------------------|
| Hazardous Polymerization | May Occur      |   | Conditions to Avoid |
|                          | Will Not Occur | X |                     |

**Section VI — Health Hazard Data**

|                    |             |       |            |
|--------------------|-------------|-------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
|--------------------|-------------|-------|------------|

**Health Hazards (Acute and Chronic)**

THE PRINCIPLE VOLATILE COMPONENT IS WATER. MINOR COMPONENTS MAY ESTABLISH AN EQUILIBRIUM CONDITION IN THE HEAD SPACE OF THE CONTAINER. DRUMS SHOULD BE OPENED IN A WELL VENTILATED SPACE. UNDER NORMAL CONDITIONS OF USE IN VENTILATED AREAS TLV'S SHOULD NOT BE EXCEEDED.

Carcinogenicity: NTP?

IARC Monographs?

OSHA Regulated?

**Signs and Symptoms of Exposure**

**Medical Conditions Generally Aggravated by Exposure**

**Emergency and First Aid Procedures**

WASH THE SKIN WITH WATER AND SOAP. IF SPLASHED IN EYES, FLUSH WITH COPIOUS QUANTITIES OF WATER AND SEEK MEDICAL ADVICE.

**Section VII — Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled**

SMALL SPILLS SHOULD BE MIXED WITH AN ABSORBENT MATERIAL AND PLACED IN A SEPARATE CONTAINER. LARGER QUANTITIES CAN BE COAGULATED AND THEN DRIED WITH THE USE OF ALUM OR FERRIC CHLORIDE AND LIME.

**Waste Disposal Method**

DRY MATERIAL IN ABSORBENT, MAY BE DISPOSED OF IN AN APPROVED LANDFILL.

**Precautions to Be Taken in Handling and Storing**

PROTECT FROM FREEZING - SPILLS MAY BE SLIPPERY

Other Precautions N/A

**Section VIII — Control Measures**

Respiratory Protection (Specify Type) USE IN A WELL VENTILATED AREA

|             |                      |         |
|-------------|----------------------|---------|
| Ventilation | Local Exhaust        | Special |
|             | Mechanical (General) | Other   |

Protective Gloves RUBBER GLOVES RECOMMENDED

Eye Protection SAFETY GOGGLES WHEN SPLASH POTENTIAL EXISTS

Other Protective Clothing or Equipment

Work/Hygienic Practices NORMAL CLEANLINESS SHOULD BE OBSERVED.

Mar 07 03 12:19P



**PERFORMANCE MAKEUP  
SINCE 1827**

Date: 3/7/03

To Whom It May Concern:

Re: MSDS request

Our product Fake Dirt is supplied in a consumer sized container for personal use and is appropriately labeled according to all known governmental requirements.

It contains NO hazardous ingredients, is NOT flammable, is NON-REACTIVE and requires no personal protection to handle.

We believe it represents no discernable personal health hazard in this form when used as directed. We therefore do not prepare an MSDS for this product.

Very truly yours,

Martin Melik, President  
Mehron, Inc.

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



IDENTITY (As Used on Label and List) **BULK - "FAKE DIRT"** Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

|   |   |
|---|---|
| Manufacturer's Name<br><b>MEHRON INC.</b>                                   | Emergency Telephone Number<br><b>(914) 258-4106</b>       |
| Address (Number, Street, City, State, and ZIP Code)<br><b>45E ROUTE 303</b> | Telephone Number for Information<br><b>(914) 258-4106</b> |
| <b>VALLEY COTTAGE, NY 10989</b>   | Date Prepared<br><b>June 1, 1988</b>                      |
|   | Signature of Preparer (optional)                          |

**Section II -- Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|----------|-----------|--------------------------|--------------|
| <b>TALC (NON-ASBESTIFORM)</b>                                     |          |           |                          |              |
|   |          |           |                          |              |
|   |          |           |                          |              |
|   |          |           |                          |              |
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|   |          |           |                          |              |
|   |          |           |                          |              |
|   |          |           |                          |              |
|   |          |           |                          |              |

**Section III -- Physical/Chemical Characteristics**

|  |   |
|--|---|
| Boiling Point<br><b>NOT APPLICABLE</b>                   | Specific Gravity (H <sub>2</sub> O = 1)<br><b>2.5 - 5.2</b> |
| Vapor Pressure (mm Hg.)<br><b>NOT APPLICABLE</b>         | Melting Point<br><b>NOT APPLICABLE</b>                      |
| Vapor Density (AIR = 1)<br><b>NOT APPLICABLE</b>         | Evaporation Rate<br>(Butyl Acetate = 1) <b>0</b>            |
| Solubility in Water<br><b>INSOLUBLE</b>                  |   |
| Appearance and Odor<br><b>DARK, REDDISH-BROWN POWDER</b> |   |

**Section IV -- Fire and Explosion Hazard Data**

|   |                  |     |     |
|---|------------------|-----|-----|
| Flash Point (Method Used)<br><b>NON-FLAMMABLE</b>     | Flammable Limits | LEL | UEL |
| Extinguishing Media<br><b>WATER</b>                   |                  |     |     |
| Special Fire Fighting Procedures<br><br><b>NONE</b>   |                  |     |     |
| Unusual Fire and Explosion Hazards<br><br><b>NONE</b> |                  |     |     |

**Section V - Reactivity Data**

Stability: Unstable  Stable  Conditions to Avoid: \_\_\_\_\_

Incompatibility (Materials to Avoid): **ACIDS**

Hazardous Decomposition or Byproducts: **NONE**

Hazardous Polymerization: May Occur  Will Not Occur  Conditions to Avoid: \_\_\_\_\_

**Section VI - Health Hazard Data**

Route(s) of Entry: Inhalation?  Skin?  Ingestion?

Health Hazards (Acute and Chronic): (Acute) Ingestion may result in gastric disturbances  
(Acute) Inhalation of dust may irritate respiratory tract  
(Chronic) None

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: None established. Possible mild respiratory discomfort associated with prolonged dust inhalation.

Medical Conditions Generally Aggravated by Exposure: \_\_\_\_\_

Emergency and First Aid Procedures: Remove individual from source of exposure. Flush eyes with water. Wash affected areas w/soap & water. Induce vomiting if ingested. Obtain medical attention as required.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Normal cleanup procedures. Care should be taken to avoid causing dust to become airborne. Vacuum system recommended.

Waste Disposal Method: Disposal must be made in accordance with Federal, State & Local Regulations.

Precautions to Be Taken in Handling and Storing: store in sealed containers. Avoid high temperatures. Moisten w/water during cleanup to reduce dust.

Other Precautions: \_\_\_\_\_

**Section VIII - Control Measures**

Respiratory Protection (Specify Type): Approved dust mask may provide comfort.

Ventilation: Local Exhaust  Mechanical (General)  Mechanical (Local)  Other

Protective Gloves: Vinyl for protective hygiene Eye Protection: Wrap around goggles.

**SECTION V - HEALTH HAZARD DATA**

HEALTH HAZARD LIMIT VALUE: 400 (approx) assumes complete evaporation of liquid

EFFECTS OF OVEREXPOSURE: Anesthesia, headache, nausea, dizziness - prolonged contact may cause dehydration of skin.

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

800-555-SPRINT  
Pg 1 of 2

**SECTION I - MANUFACTURER'S INFORMATION**

MANUFACTURER'S NAME: **MEHRON, INCORPORATED** EMERGENCY TELEPHONE NO.: (914)-268-4106

ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE): 45B ROUTE 303, WADLEY COTTAGE, NEW YORK, 10985

TRADE NAME & SYNONYMS: Shellac Solution in SDA 35A Alcohol

TRADE NAME & SYNONYMS: 8 lb. Refined Pharmaceutical Glaze N.F

FORMULA: SPIRIT GUM

FORMULA: \_\_\_\_\_

CAUTION: (\*9000-59-3) Code Designation B567-7848

**SECTION II - HAZARDOUS INGREDIENTS**

| MATERIALS                   | %     | TLV (Units) | MATERIALS     | % | TLV (Units) |
|-----------------------------|-------|-------------|---------------|---|-------------|
| Specially Denatured Alcohol |       |             |               |   |             |
| Formula 35 A                | 45.9% |             | Ethyl Acetate |   | 400         |
| CAS #64-17-5                |       |             |               |   |             |
| HEALTH FLAMMABILITY - 2     |       |             |               |   |             |
| REACTIVITY - 1              |       |             |               |   |             |
| PERSONAL PROTECTION *       |       |             |               |   |             |

**SECTION III - PHYSICAL DATA**

|                        |   |  |         |
|------------------------|---|--|---------|
| BOILING POINT °C (°F)  | 173°F   | SPECIFIC GRAVITY (H <sub>2</sub> O=1) 15.25°/15.25°C | 0.9882  |
| VAPOR PRESSURE (mm Hg) | 680F 44   | PERCENT VOLATILE BY VOLUME (%)                       | 55.5Z   |
| VAPOR DENSITY (AIR=1)  | 1.53  | EVAPORATION RATE (HEXANE)                            | Unknown |
| SOLUBILITY IN WATER    | Slight  |  |         |
| APPEARANCE AND ODOR    | Clear Amber Liquid - Characteristic Odor - Pleasant |  |         |

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: 480F T.C.C. FLAMMABLE LIMITS: LEL 3 UEL 19

EXTINGUISHING MEDIA:  ALCOHOL FOAM  CARBON DIOXIDE  DRY CHEMICAL  FOAM  WATER SPRAY (FOG)  OTHER

SPECIAL FIRE FIGHTING PROCEDURES: TREAT AS FLAMMABLE LIQUID

FIRE AND EXPLOSION HAZARDS: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

NA = Not Applicable  
NO = No Data Available

*Richard D. ...*  
7-1-86



| SECTION V - HEALTH HAZARD DATA      |  |
|-------------------------------------|--|
| THRESHOLD LIMIT VALUE               | 400 (approx) assumes complete evaporation of liquid  |
| EFFECTS OF OVEREXPOSURE             | Anesthesia- headache, nausea, dizziness - prolonged contact may cause dehydration of skin. |
| EMERGENCY AND FIRST AID PROCEDURES  |  |
| Remove victim and restore breathing |  |

| SECTION VI - REACTIVITY DATA                            |  |
|---|--|
| STABILITY: UNSTABLE                                     | STABLE <input checked="" type="checkbox"/>         |
| CONDITIONS TO AVOID<br>sparks and open flame            |  |
| INCOMPATIBILITY (Materials to avoid)                    | strong oxidizing agents                            |
| HAZARDOUS DECOMPOSITION PRODUCTS CO and CO <sub>2</sub> |  |
| HAZARDOUS POLYMERIZATION: MAY OCCUR                     | WILL NOT OCCUR <input checked="" type="checkbox"/> |
| CONDITIONS TO AVOID                                     |  |

| SECTION VII - SPILL OR LEAK PROCEDURES  |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> STOP FLOW  | <input type="checkbox"/> SKIN PROTECTION (AS PER SECTION VIII) | <input checked="" type="checkbox"/> INCINERATE UNDER CONTROLLED CONDITIONS | <input type="checkbox"/> NEUTRALIZE  |
| <input checked="" type="checkbox"/> ELIMINATE ALL SOURCES OF IGNITION, FLAMMABLES | <input type="checkbox"/> ABSORB OR SCRAPE UP                   | <input type="checkbox"/> INCINERATE USING AFTER BURNER & SCRUBBER          | <input checked="" type="checkbox"/> WASH AWAY WITH WATER                   |
| <input type="checkbox"/> AVOID INHALATION   | <input type="checkbox"/> VACUUM UP                             | <input type="checkbox"/> BURY IN REMOTE AREA                               | <input type="checkbox"/> OBSERVE FEDERAL SPILL & WATER QUALITY REGULATIONS |
| <input type="checkbox"/> AVOID DERMAL CONTACT                                     | <input type="checkbox"/> EVAPORATE SMALL AMOUNTS IN HOOD       | <input type="checkbox"/> USE AS LANDFILL                                   | <input type="checkbox"/> REMOVE SOILED CLOTHING                            |
| <input type="checkbox"/> RESPIRATORY PROTECTION (AS PER SECTION VIII)             | <input type="checkbox"/> OTHER                                 |  |  |

| SECTION VIII - SPECIAL PROTECTION INFORMATION                         |                   |   |   |
|---|-------------------|---|---|
|   | DURING NORMAL USE | FOR GASES, VAPORS, DUSTS, FUMES, MISTS EXCEEDING TLV          | SPECIAL (E.G. THERMAL PROCESSING, SPRAY APPLICATIONS) |
| GENERAL VENTILATION   | to maintain T L V |   |   |
| LOCAL EXHAUST   | Desirable         |   |   |
| RESPIRATORY PROTECTION (1-4)  |                   |   |   |
| 1. USUALLY NONE   |                   | 3. GAS AND VAPOR-REMOVING AIR PURIFYING RESPIRATOR (CANISTER) |   |
| 2. PARTICLE-REMOVING AIR PURIFYING RESPIRATOR (MECHANICAL FILTER)     |                   | 4. FULL FACE MASK POSITIVE PRESSURE-DEMAND TYPE SUPPLIED AIR  |   |
| EYE PROTECTION  | SAFETY GLASSES    | CHEMICAL GOGGLES  | G FACE SHIELD   |
| PROTECTIVE GLOVES   | NEOPRENE          | POLYVINYL ALCOHOL   | POLYETHYLENE  |
|   | NATURAL RUBBER    | G BUTYL RUBBER  | POLYVINYL CHLORIDE                                    |
| RATING: (E) EXCELLENT (G) GOOD (F) FAIR (P) POOR (NR) NOT RECOMMENDED |                   |   |   |
| OTHER PROTECTIVE EQUIPMENT  |                   |   |   |

| SECTION IX - SPECIAL PRECAUTIONS                      |  |
|---|--|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING       |  |
| HANDLE AS FLAMMABLE LIQUID. USE GOOD PERSONAL HYGIENE |  |
| OTHER PRECAUTIONS                                     |  |

**NOTICE**

The data and recommendations presented herein are based upon our research and the research of others, and are believed to be accurate. HOWEVER, NO WARRANTY OR GUARANTEE OF THEIR ACCURACY IS MADE; AND THE PRODUCTS ARE DISTRIBUTED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**U.S. DEPARTMENT OF LABOR**  
**Occupational Safety and Health Administration**  
**MATERIAL SAFETY DATA SHEET**

*800 Spirit  
Pg 1 of*

| SECTION I  |   |
|--|---|
| MANUFACTURER'S NAME<br><b>MEHRON, INCORPORATED</b>   | EMERGENCY TELEPHONE NO.<br><b>(914)-268-4106</b>                        |
| ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)<br><b>45E ROUTE 303, VALLEY COTTAGE, NEW YORK 10989</b> |   |
| CHEMICAL NAME & SYNONYMS<br><b>Shellac Solution in SDA 35A Alcohol</b>                                   | TRADE NAMES & SYNONYMS<br><b>8 lb. Refined Pharmaceutical Glaze N.F</b> |
| CHEMICAL FAMILY<br><b>Natural Resin</b>  | FORMULA<br><b>SPIRIT GUM</b>  |
| CAS NO. <b>(*9000-59-3)</b> Code Designation <b>B567-7848</b>  |   |

| SECTION II - HAZARDOUS INGREDIENTS  |       |             |               |   |             |
|---|-------|-------------|---------------|---|-------------|
| MATERIALS   | %     | TLV (Units) | MATERIALS     | % | TLV (Units) |
| Specially Denatured Alcohol   |       |             |               |   |             |
| Formula 35 A  | 45.9% |             | Ethyl Acetate |   | 400         |
| CAS #64-17-5  |       |             |               |   |             |
| HEALTH - 2<br>FLAMMABILITY - 3<br>REACTIVITY - 1<br>PERSONAL PROTECTION * |       |             |               |   |             |

| SECTION III - PHYSICAL DATA |   |   |         |
|-----------------------------|---|---|---------|
| BOILING POINT °C (°F)       | 173°F   | SPECIFIC GRAVITY (H <sub>2</sub> O=1)<br>15.6° / 15.6°C | 0.9882  |
| VAPOR PRESSURE (mm Hg.)     | @ 68°F 44   | PERCENT VOLATILE BY VOLUME (%)                          | 55.5%   |
| VAPOR DENSITY (Air=1)       | 1.59  | EVAPORATION RATE (Ether=1)                              | Unknown |
| SOLUBILITY IN WATER         | Slight  |   |         |
| APPEARANCE AND ODOR         | Clear Amber Liquid - Characteristic Odor - Pleasant |   |         |

| SECTION IV - FIRE AND EXPLOSION HAZARD DATA  |            |                  |              |
|--|------------|------------------|--------------|
| FLASH POINT  | 48°F T.C.C | FLAMMABLE LIMITS | LEL 3 UEL 19 |
| EXTINGUISHING MEDIA<br><input checked="" type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CARBON DIOXIDE <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> FOAM <input type="checkbox"/> WATER SPRAY (FOG)<br><input type="checkbox"/> OTHER |            |                  |              |
| SPECIAL FIRE FIGHTING PROCEDURES<br>TREAT AS FLAMMABLE LIQUID  |            |                  |              |
| FIRE AND EXPLOSION HAZARDS<br>KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.  |            |                  |              |

NA = Not Applicable  
 NO = No Data Available

*John K. Donorf*  
7-1-86

1050.  
white Polyethylene

**MATERIAL SAFETY DATA SHEET**  
**RUGER CHEMICAL CO. INC.**

83 CORDIER ST.  
IRVINGTON, N. J. 07111 Product Code: 08439 Page: 1  
1-800-274-RUGER (201)-826-0331  
PRODUCT NAME: **GLYCERINE 99.7%, USP**  
Effective Date: 06/13/89 Date Printed: 01/17/90 MSDS:003214

**1. INGREDIENTS: (% w/w, unless otherwise noted)**

Glycerine, minimum CAS# 000056-81-5 99.7%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

**2. PHYSICAL DATA:**

BOILING POINT: 554F, 290C  
VAP PRESS: < 1.0 mmHg @ 20C  
VAP DENSITY: 3.1  
SOL. IN WATER: Miscible  
SP. GRAVITY: 1.2607 @ 25/25 (min.)  
APPEARANCE: Water white liquid.  
ODOR: Odorless.

**3. FIRE AND EXPLOSION HAZARD DATA:**

FLASH POINT: 390F, 199C  
METHOD USED: PMCC

FLAMMABLE LIMITS  
LFL: Not deter.

UFL: Not deter.

EXTINGUISHING MEDIA: Water fog, alcohol-resistant foam, CO2, dry chemical.

FIRE & EXPLOSION HAZARDS: Autoignition temperature 698F, 370C.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure self-contained breathing apparatus.

RUGER CHEMICAL CO., INC.  
AMEND DRUG & CHEMICAL CO.  
83 CORDIER STREET  
IRVINGTON, NJ 07111

## MATERIAL SAFETY DATA SHEET

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Product Code: 08439

Page: 2

PRODUCT NAME: \_\_\_\_\_ GLYCERINE 99.7%, USP

Effective Date: 06/13/89 Date Printed: 01/17/90

MSDS:003214

### 4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Avoid strong oxidizing agent (such as sodium hypochlorite, hypochlorous acid).

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Acrolein.

HAZARDOUS POLYMERIZATION: Will not occur.

### 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Cover with absorbent material, soak up and sweep into a drum. Large spills: Dike around spill and pump into suitable containers.

DISPOSAL METHOD: Reprocess or incinerate in accordance with all local, state, and federal requirements.

### 6. HEALTH HAZARD DATA:

EYE: May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.

SKIN CONTACT: Prolonged or repeated exposure not likely to cause significant skin irritation.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD50 for skin absorption in rabbits is > 10,000 mg/kg.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is 17,000 to 27,200 mg/kg. Amounts ingested incidental to industrial handling are not likely to cause injury; however ingestion of larger amounts may cause injury. Signs and

## MATERIAL SAFETY DATA SHEET

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Product Code: 08439

Page: 3

PRODUCT NAME: GLYCERINE 99.7%, USP

Effective Date: 06/13/89 Date Printed: 01/17/90

MSDS:003214

### 6. HEALTH HAZARD DATA: (CONTINUED)

symptoms of excessive exposure may be central nervous system effects and increased blood sugar levels.

**INHALATION:** At room temperature, exposures to vapors are unlikely due to physical properties; higher temperatures may generate vapor levels sufficient to cause irritation and other effects. The LC50 for 1 hour in rats was >0.57 mg/l.

**SYSTEMIC & OTHER EFFECTS:** Repeated excessive exposures may cause increased fat levels in blood. Observations in animals include kidney, liver, and gastrointestinal effects with very large oral doses. Did not cause cancer in long-term animal studies. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus. Reproductive effects seen in female animals are believed to be due to altered nutritional states resulting from extremely high doses in their diets. Similar effects have been seen in animals fed synthetic diets.

### 7. FIRST AID:

**EYES:** Irrigate immediately with water for at least 5 minutes.

**SKIN:** Wash off in flowing water or shower.

**INGESTION:** Induce vomiting if large amounts are ingested. Consult medical personnel.

**INHALATION:** No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

**NOTE TO PHYSICIAN:** No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

## MATERIAL SAFETY DATA SHEET

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Product Code: 08439

Page: 4

PRODUCT NAME: GLYCERINE 99.7%, USP

Effective Date: 06/13/89 Date Printed: 01/17/90

MSDS:003214

### B. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: OSHA PEL is 10 mg/m<sup>3</sup> total, 5 mg/m<sup>3</sup> respirable and the ACGIH TLV is 10 mg/m<sup>3</sup> for glycerine mist.

VENTILATION: Control airborne concentrations below the exposure guideline. Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

EYE PROTECTION: Use safety glasses.

### 9. ADDITIONAL INFORMATION:

#### REGULATORY REQUIREMENTS:

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
Practice reasonable care and caution.

MSDS STATUS: Revised Section 8.

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SIMULAIDS  
RUGER CHEMICAL CO., INC.

## MATERIAL SAFETY DATA SHEET

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Product Code: 08439

Page: 5

PRODUCT NAME: OPTIM (R) GLYCERINE 99.7%, USP

Effective Date: 06/13/89 Date Printed: 01/17/90

MSDS:003214

The information herein is given in good faith. But no warranty, express or implied, is made.  
For further information.

**RUGER CHEMICAL CO. INC.**

83 CORDIER ST.  
IRVINGTON, N. J. 07111  
1-800-274-RUGER (201)-926-0331

**MATERIAL SAFETY DATA SHEET****ART CHEMICAL PRODUCTS, INC.**

date prepared: March 2002

PO BOX 678

1019 SALAMONIE AVE

HUNTINGTON, IN 46750

Phone/Fax (260)356-2328

**SECTION 1 - IDENTITY**

|                              |                         |                                |
|------------------------------|-------------------------|--------------------------------|
| COMMON NAME:<br>(TRADE NAME) | KLEAN KLAY (ALL COLORS) | HMIS: H / 0 F / 0 R / 0        |
| CHEMICAL NAME:               | MODELING CLAY           | CHEMICAL FAMILY: MODELING CLAY |
| FORMULA:                     |                         | CAS NO.                        |
|                              | KAOLIN CLAY             | 1332-58-7                      |
|                              | CALCIUM SULPHATE        | 07778-18-9                     |
|                              | PETROLATUM              | 8009-03-8                      |
|                              | CASTOR OIL              | 68187-76-8                     |
|                              | CALCIUM CARBONATE       | 1317-65-3                      |

**SECTION 2 - HAZARDOUS INGREDIENTS**

none

**SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS**

|  |       |                         |    |
|--|-------|-------------------------|----|
| Boiling Point:                         | na    |                         |    |
| Specific Gravity: (H <sub>2</sub> O=1) | 2.447 | Vapor Pressure (mmHg)   | na |
| Evaporation Rate: (_____ =1)           |       |                         | na |
| % Volatile by volume @ 400 degrees F:  |       | 39.44                   |    |
| Vapor Density (air = 1)                |       | na                      |    |
| Solubility in Water:                   |       | na                      |    |
| Reactivity in Water:                   |       | none                    |    |
| Appearance & Odor:                     |       | Pliable solid - no odor |    |

**SECTION 4 - FIRE & EXPLOSION DATA**

|                                      |               |                               |           |
|--------------------------------------|---------------|-------------------------------|-----------|
| Flash Point:                         | 465 degrees F |                               |           |
| Flammable Limits in Air % by Volume: |               | lower: na                     | upper: na |
| Auto-Ignition Temperature :          |               | na                            |           |
| Extinguisher Media:                  |               | Foam, dry chemical, water fog |           |
| Special Fire Fighting Procedures:    |               | none                          |           |
| Unusual Fire and Explosion Hazards:  |               | none                          |           |





SARA SECTION 313 NOTIFICATION
This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 6 - SPECIAL PRECAUTIONS AND SPILL PROCEDURES
Store at room temperature.
No special disposal method.
Dispose of in accordance with local, state, and federal regulations.

SECTION 7 - SPECIAL PROTECTION INFORMATION

Emergency and First Aid Procedures:
1. Inhalation:
2. Eyes:
3. Skin:
4. Ingestion:
Remove as any foreign object. Wash with soap and water. Not know to cause a problem.

SECTION 8 - HEALTH HAZARDS

Stability: Stable
Conditions to avoid: None known
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur
Conditions to Avoid: None known

SECTION 9 - PHYSICAL HAZARDS

FEB-17-2006 11:51

PLASKOLITE

297 727

PLASKOLITE, INC.
1770 Joyce Avenue
Columbus, OH 43219

EMERGENCY HOTLINE:
(614) 294-3281

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Material: Plaskolite OPTIX® Acrylic Plastic (Includes OPTIX® Acrylic Sheet, Run-to-Size OPTIX® Acrylic Sheet, OPTIX® Acrylic (PMMA) Resin, Roll Stock OPTIX® Acrylic Sheet, OPTIX® TemperElite Green Edged Acrylic Sheet, OPTIX® Colored Acrylic Sheet, OPTIX® Non-Glare Acrylic Sheet, OPTIX® Patterned Acrylic Sheet, Acrylic Lighting Sheet, Armadillo AR Scratch-Resistant Acrylic Sheet, OPTIX® Frost Acrylic Sheet)
Chemical Name or Synonyms: Polymethyl methacrylate

2. PRODUCT COMPONENTS

Table with 3 columns: COMPONENTS, CAS REG. NO., WEIGHT (%). Row 1: Polymethyl methacrylate (PMMA), 9010-88-2, 99.5 (MIN). Row 2: Methyl methacrylate (MMA), 80-52-6, 0.5 (MAX).

3. PHYSICAL PROPERTIES

Appearance: Clear to opaque solid
Odor: N/A
Viscosity: N/A
Melting Point: 150°C/300°F
Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A (Air = 1)
Specific Gravity: 1.19 (Water = 1)
pH: N/A
Solubility in Water: Negligible
Volatility: Negligible (Weight %)
Evaporation Rate: Negligible (Butyl Acetate = 1)

4. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point: N/A
Auto Ignition Temperature: 445°C/833°F
Upper Explosion Limit (%): N/A
Lower Explosion Limit (%): N/A
Extinguishing Media: Carbon dioxide, dry chemical, or water.

Date Issued: 1/4/2000
Date Revised: 2/13/2001

**PLASKOLITE, INC.**  
1770 Joyce Avenue  
Columbus, OH 43219

**EMERGENCY HOTLINE:**  
(614) 294-3281

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION

**Material:** Plaskolite OPTIX® Acrylic Plastic  
(includes OPTIX® Acrylic Sheet, Run-to-Size OPTIX® Acrylic Sheet, OPTIX® Acrylic (PMMA) Resin, Roll Stock OPTIX® Acrylic Sheet, OPTIX® TemperElite Green Edged Acrylic Sheet, OPTIX® Colored Acrylic Sheet, OPTIX® Non-Glare Acrylic Sheet, OPTIX® Patterned Acrylic Sheet, Acrylic Lighting Sheet, ARMADILLO AR Scratch-Resistant Acrylic Sheet, OPTIX® Frost Acrylic Sheet)

**Chemical Name or Synonyms:** Polymethyl methacrylate

### 2. PRODUCT COMPONENTS

| <u>COMPONENTS</u>                 | <u>CAS REG. NO.</u> | <u>WEIGHT (%)</u> |
|-----------------------------------|---------------------|-------------------|
| 1. Polymethyl methacrylate (PMMA) | 9010-88-2           | 99.5 (MIN)        |
| 2. Methyl methacrylate (MMA)      | 80-62-6             | 0.5 (MAX)         |

### 3. PHYSICAL PROPERTIES

**Appearance:** Clear to opaque solid  
**Odor:** N/A  
**Viscosity:** N/A  
**Melting Point:** 150°C/300°F  
**Boiling Point:** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A (Air =1)  
**Specific Gravity:** 1.19 (Water =1)  
**pH:** N/A  
**Solubility in Water:** Negligible  
**Volatility:** Negligible (Weight %)  
**Evaporation Rate:** Negligible (Butyl Acetate = 1)

### 4. FIRE AND EXPLOSION HAZARD INFORMATION

**Flash Point:** N/A  
**Auto Ignition Temperature:** 445°C/833°F  
**Upper Explosion Limit (%):** N/A  
**Lower Explosion Limit (%):** N/A  
**Extinguishing Media:** Carbon dioxide, dry chemical, or water.

**Date Issued:** 1/4/2000  
**Date Revised:** 2/13/2001

**PLASKOLITE, INC.**  
1770 Joyce Avenue  
Columbus, OH 43219

**EMERGENCY HOTLINE:**  
(614) 294-3281

**Fire Protection Equipment:** Wear self-contained, positive pressure breathing apparatus (MSHA/NIOSH approved, or equivalent) and full protective gear.

**Unusual Fire and Explosion Hazard:** Product is combustible thermoplastic material that burns vigorously with intense heat.

### 5. WORKPLACE EXPOSURE LIMITS

| <u>COMPONENTS</u>                      | <u>OSHA</u>         |             | <u>ACGIH</u>         |             |
|--|---------------------|-------------|----------------------|-------------|
|  | <u>PEL</u>          | <u>STEL</u> | <u>TLV</u>           | <u>STEL</u> |
| 1. PMMA                                | None                | None        | None                 | None        |
| 2. MMA                                 | 100 ppm             | None        | 100 ppm              | None        |
| 3. Nuisance dusts<br>(as particulates) | 5 mg/m <sup>3</sup> | None        | 10 mg/m <sup>3</sup> | None        |

MMA: 100 ppm = 410 mg/m<sup>3</sup>

### 6. HAZARD INFORMATION

Hazard Scale: 0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

Health Designation: 1  
Fire Designation: 1  
Reactivity Designation: 0

**Inhalation:** Inhalation of vapors from heated product can cause nausea, headache, dizziness as well as irritation of lungs, nose, and throat.  
**Eye Contact:** Vapors from heated product can irritate the eyes.  
**Ingestion:** Low hazard associated with normal conditions.  
**Skin Contact:** Possible skin irritation. Contact with molten material can result in burns.  
**Carcinogenicity:** N/A

### 7. EMERGENCY AND FIRST AID PROCEDURES

**Inhalation:** Move subject to fresh air.  
**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Call a physician.  
**Ingestion:** This material is not expected to be absorbed within the gastrointestinal tract, so induction of vomiting should not be necessary.

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Columbus, OH 43219

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**Skin Contact:** If molten material contacts skin, cool rapidly with cold water and obtain medical attention for thermal burn.

### **8. REACTIVITY INFORMATION**

**Stability:** Stable  
**Conditions to Avoid:** Temperatures over 300°C/570°F.  
**Hazardous Decomposition Products:** Thermal decomposition or combustion may emit vapors, carbon monoxide, or carbon dioxide.  
**Incompatible Compounds:** Acids, bases, and strong oxidizing agents.

### **9. SPILL OR LEAK INFORMATION**

Sweep or scoop up and remove.

### **10. WASTE DISPOSAL**

Landfill or incinerate at a facility that complies with local, state and federal regulations.

### **11. EXPOSURE CONTROLS/PERSONAL PROTECTION MEASURES**

**Respiratory Protection:** None required under normal conditions. See Section 12.  
**Hand Protection:** Canvas or cotton gloves.  
**Eye Protection:** Safety glasses with side shields (ANSI Z87.1 equivalent).  
**Other Protection:** N/A  
**Ventilation:** Local exhaust ventilation systems should be constructed and installed in accordance with ANSI Z9.2 or ACGIH guidelines to control potential emissions near the source.

### **12. STORAGE AND HANDLING INFORMATION**

**Maximum Storage Temperature:** 99°C/210°F (softening temperature).  
**Storage Measures:** If material is stored under ambient temperature conditions, it is not hazardous. However, extensive storing at higher than the maximum temperature will emit vapors, carbon monoxide or carbon dioxide.  
**Handling Measures:** Processing of the material under high temperatures will cause hazardous emissions of vapors, carbon monoxide or carbon dioxide. Blower collecting and local exhaust ventilation systems should be installed to prevent contaminant dispersion into the air. Sawing of this product generates particulates regulated as "inert"

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1770 Joyce Avenue  
Columbus, OH 43219

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or "nuisance" dusts. To minimize dust emissions, engineering controls should be employed, such as baghouse filters and cyclone separators.

### **13. REGULATORY INFORMATION**

#### **Environment**

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):

Under section 102(a) of the Act, this product is NOT designated as hazardous. In addition, no reportable quantities and no notification requirements to the National Response Center in Washington, DC are set forth for its release from a vessel, an offshore or an onshore facility (40 CFR Part 302).

Resource Conservation and Recovery Act (RCRA):

When this product becomes a waste, it is identified as solid but NOT hazardous waste under RCRA criteria (40 CFR Part 261).

Toxic Substances Control Act (TSCA):

The components of this product are on the TSCA inventory list. Any impurities present in this product are exempt from listing.

Superfund Amendment and Reauthorization Act of 1986 (SARA) Title III:

This product may be considered an immediate (acute) health hazard due to potential MMA emissions. However, reporting of thresholds for the material is not required because the concentration of its MMA component is below the de minimis concentration (40 CFR Part 370).

#### **Transportation**

DOT Hazard Class:

Not regulated.

DOT Shipping Name:

N/A

#### **Labor Awareness**

This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). However, under processing conditions it may become a health hazard to employees because vapors and/or particulates could be released. See Section 12 for Storage and Handling Information.

Date Issued: 1/4/2000

Date Revised: 2/13/2001

**PLASKOLITE, INC.**  
1770 Joyce Avenue  
Columbus, OH 43219

**EMERGENCY HOTLINE:**  
(614) 294-3281

#### **14. GLOSSARY**

|                   |   |
|-------------------|---|
| ACGIH             | American Conference of Governmental Industrial Hygienists           |
| CFR               | Code of Federal Regulations   |
| DOT               | United States Department of Transportation                          |
| mg/m <sup>3</sup> | milligrams per cubic meter (concentration)                          |
| MMA               | Methyl methacrylate   |
| MSHA              | Mine Safety and Health Administration                               |
| N/A               | Not Applicable or Not Available                                     |
| NIOSH             | National Institute for Occupational Safety and Health               |
| OSHA              | Occupational Safety and Health Administration (Department of Labor) |
| PEL               | Permissible Exposure Limit (time-weighted average)                  |
| PMMA              | Polymethyl methacrylate   |
| ppm               | parts per million (concentration)                                   |
| STEL              | Short-Term Exposure Limit (15-minute)                               |
| TLV               | Threshold Limit Value (time-weighted average)                       |

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.

Please direct comments and questions to Plaskolite Environmental, Health and Safety

Filename: MSDS - Optix Acrylic Plastic.doc

Date Issued: 1/4/2000  
Date Revised: 2/13/2001