

The BFGoodrich Company  
3925 Embassy Parkway  
Akron, Ohio 44313-1799

May 24, 1991

Food and Drug Administration  
Center for Drugs and Biologics  
12420 Parklawn Drive  
Room 2-14  
Rockville, Maryland 20852

RE: GEON(R) 87390 TRANS 004 DMF REQUEST

Dear Gentlereader:

The BFGoodrich Company wishes to supplement our request of May 20, 1991 to establish a Device Master File for Geon® 87390 trans 004 to include selected material safety data sheets. They were inadvertently omitted from the package of information included in our DMF request.

I am enclosing two copies of these MSDS sheets. Because these documents pertain to the composition of this compound, it is considered confidential business information and therefore, not subject to public disclosure under the provision of 21CFR 20.61 and 21CFR 10.111(d).

Sincerely,

THE BFGOODRICH COMPANY

*Robert K. Hinderer*

Robert K. Hinderer, Ph.D.  
Manager, Environment, Health  
and Safety Management Systems

0524-2/jp

bcc: Mark Hross  
Dr. George Wilson  
Masterfile

BFG20973

22464001

HENKEL CORPORATION  
MINNEAPOLIS, MINNESOTA

943-710138

Henkel

# MATERIAL SAFETY DATA SHEET

| HAZARD RATINGS      |     |
|---------------------|-----|
| HEALTH HAZARD       | 1   |
| FLAMMABILITY HAZARD | 1   |
| REACTIVITY HAZARD   | 0   |
| SPECIFIC HAZARD     | N/A |

## SECTION I - PRODUCT IDENTIFICATION

|                                 |                           |                            |
|---------------------------------|---------------------------|----------------------------|
| PRODUCT TRADE NAME              | FORMULA/MOLECULAR WEIGHT  |                            |
| LOXIOL* HOB 7107 <i>Beads</i>   | N/A - MIXTURE             |                            |
| CHEMICAL NAME/SYNONYMS          | CAS NUMBER                |                            |
| MIXED ESTER OF SATD FATTY ACIDS | N/A - MIXTURE             |                            |
| COMMON NAME                     | DOT HAZARD CLASSIFICATION |                            |
| MIXED ESTER OF SATD FATTY ACIDS | NOT RESTRICTED            |                            |
| TECHNICAL CONTACT NAME          | TELEPHONE NUMBER          | EMERGENCY TELEPHONE NUMBER |
| ANTHONY BOHAZUK                 | 201/659-1200              | 800-424-9300               |

## SECTION II - PRODUCT DESCRIPTION

|                           |            |
|---------------------------|------------|
| APPEARANCE                | ODOR       |
| WHITE BEADS               | SLIGHT     |
| PHYSICAL DATA             |            |
| MELTING POINT             | 70-95 C    |
| DENSITY                   | 0.902 G/CC |
| WATER SOLUBILITY          | NEGLIGIBLE |
| PERCENT VOLATILES AT 70 F | NONE       |

| HAZARDOUS COMPONENTS NAME                                                                                    | CAS NUMBER | CONCENT | HAZARD | TLV |
|--------------------------------------------------------------------------------------------------------------|------------|---------|--------|-----|
| THIS PRODUCT IS NOT MANUFACTURED TO CONTAIN A REPORTABLE HAZARDOUS COMPONENT AS DEFINED IN 29 CFR 1910.1200. |            |         |        |     |

## SECTION III - FIRE AND EXPLOSION DATA

|                                                         |                                                     |                                          |                                                        |
|---------------------------------------------------------|-----------------------------------------------------|------------------------------------------|--------------------------------------------------------|
| FLASH POINT / °F                                        | TEST METHOD                                         |                                          |                                                        |
| 585                                                     | TAG OPEN CUP                                        |                                          |                                                        |
| RECOMMENDED EXTINGUISHING MEDIA                         |                                                     |                                          |                                                        |
| <input checked="" type="checkbox"/> WATER               | <input checked="" type="checkbox"/> CO <sub>2</sub> | <input checked="" type="checkbox"/> FOAM | <input checked="" type="checkbox"/> OTHER DRY CHEMICAL |
| UNUSUAL FIRE OR EXPLOSION HAZARDS (CONDITIONS TO AVOID) |                                                     |                                          |                                                        |
| NONE KNOWN TO HENKEL.                                   |                                                     |                                          |                                                        |

|                                  |
|----------------------------------|
| SPECIAL FIRE FIGHTING PROCEDURES |
| NONE KNOWN TO HENKEL.            |

## SECTION IV - REACTIVITY DATA

|                                                    |                                                          |                               |                               |                                    |                                 |
|----------------------------------------------------|----------------------------------------------------------|-------------------------------|-------------------------------|------------------------------------|---------------------------------|
| STABILITY UNDER NORMAL CONDITIONS                  |                                                          |                               |                               |                                    |                                 |
| <input checked="" type="checkbox"/> STABLE         | <input type="checkbox"/> UNSTABLE (CONDITIONS TO AVOID)  |                               |                               |                                    |                                 |
| INCOMPATIBLE MATERIALS (MATERIALS TO AVOID)        |                                                          |                               |                               |                                    |                                 |
| <input checked="" type="checkbox"/> NONE KNOWN     | <input type="checkbox"/> WATER                           | <input type="checkbox"/> ACID | <input type="checkbox"/> BASE | <input type="checkbox"/> OXIDIZERS | <input type="checkbox"/> OTHERS |
| HAZARDOUS POLYMERIZATION                           |                                                          |                               |                               |                                    |                                 |
| <input checked="" type="checkbox"/> WILL NOT OCCUR | <input type="checkbox"/> MAY OCCUR (CONDITIONS TO AVOID) |                               |                               |                                    |                                 |

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**(Henkel)**PRODUCT TRADE NAME LOXIOL\* HOB 7107**SECTION V - ACUTE HEALTH AND SAFETY DATA**

| TEST TYPE                                          | RESULT           | ANIMAL SPECIES | HAZARD DESCRIPTION                                   |
|----------------------------------------------------|------------------|----------------|------------------------------------------------------|
| ORAL TOXICITY<br>SKIN IRRITATION<br>EYE IRRITATION | >5 G/KG EST LD50 | RAT            | SLIGHT<br>RELATIVELY HARMLESS<br>RELATIVELY HARMLESS |

**SECTION VI - HANDLING PRECAUTIONS / FIRST AID RECOMMENDATIONS**

SKIN AND EYE CONTACT:  
CONSIDERED TO BE NON-IRRITATING TO EYES AND SKIN BY ANIMAL TESTS.

ORAL INGESTION:

NOTICE: MAY BE HARMFUL IF SWALLOWED IN LARGE QUANTITIES.

FIRST AID: IF SWALLOWED, IMMEDIATELY DRINK A LARGE QUANTITY OF MILK OR WATER AND CALL A PHYSICIAN.

\*THE PRECEDING WAS ESTIMATED FROM SAFETY DATA FOR AN ANALOGOUS PRODUCT.

**SECTION VII - SPILL PROCEDURES****STEPS TO TAKE IF SPILLED**

PICK UP SPILLED MATERIAL AND CONTAINERIZE. VACUUM AREA OR FLUSH WITH WATER TO REMOVE RESIDUES.

**WASTE DISPOSAL**

THIS PRODUCT, IF DISPOSED AS SHIPPED, IS NOT A HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261. DISPOSE OF IN AN APPROVED LANDFILL IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

**SECTION VIII - SPECIAL PROTECTION INFORMATION****VENTILATION REQUIREMENTS**

☐ GENERAL AREA EXHAUST ☒ LOCAL EXHAUST ☐ NOT NECESSARY UNDER NORMAL USE CONDITIONS

**PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED FOR NORMAL USE CONDITIONS**

|                                                                      |                                                                                           |                                                        |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <input checked="" type="checkbox"/> EYE PROTECTION<br>SAFETY GLASSES | <input checked="" type="checkbox"/> SKIN PROTECTION<br>N/A UNDER NORMAL USE<br>CONDITIONS | <input type="checkbox"/> RESPIRATORY PROTECTION<br>N/A |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------|

**SECTION IX - SPECIAL PRECAUTIONS**

NONE

THE INFORMATION SUPPLIED HEREIN RELATES TO THE PRODUCT NAMED AND IS BASED UPON INFORMATION HENKEL CORPORATION CONSIDERS TO BE ACCURATE. NO WARRANTY, EXPRESS OR IMPLIED, IS INTENDED. THIS INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION AND INTERPRETATION.

PREPARED BY: RICHARD MACAL

DATE PREPARED 11/22/85

5-85 1

22464003

BFG20975



Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19105

HEALTH EMERGENCY  
SPILL EMERGENCY  
CHEMTREC

941  
: 215-592-3000  
: 215-592-3000  
: 800-424-9300

## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

PARALOID® K-175 Modifier

Product code : 63675  
Key : 904550-7  
MSDS date : 06/27/90  
Supersedes : 05/22/89

| Rohm and Haas<br>Hazard Rating |   | Scale                  |
|--------------------------------|---|------------------------|
| Toxicity                       | 1 | 4=EXTREME<br>3=HIGH    |
| Fire                           | 1 | 2=MODERATE<br>1=SLIGHT |
| Reactivity                     | 0 | 0=INSIGNIFICANT        |
| Special                        | - |                        |

### COMPONENT INFORMATION

| No.                            | CAS REG NO.  | AMT.(%) |
|--------------------------------|--------------|---------|
| 1 Acrylic polymer              | Trade Secret | 99-100  |
| 2 Individual residual monomers | Not Required | <0.1    |

## EMERGENCY RESPONSE INFORMATION

### FIRST AID PROCEDURES

#### Inhalation

Move subject to fresh air.

#### Ingestion

If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person.

#### Eye and Skin Contact

Flush eyes with a large amount of water for at least 15 minutes. Wash affected skin areas thoroughly with soap and water.

### FIRE FIGHTING INFORMATION

#### Unusual Hazards

Material as sold is combustible; burns vigorously with intense heat. Dusts at sufficient concentrations can form explosive mixtures with air.

#### Extinguishing Agents

Use the following extinguishing media when fighting fires involving this material:  
- carbon dioxide - dry chemical - water spray

CONTINUED

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## CONTINUATION

### Personal Protective Equipment

As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

### Special Procedures

Use water spray to control heat. DO NOT use a solid stream of water. A solid stream of water can cause a dust explosion.

---

## SPILL OR LEAK HANDLING INFORMATION

### Personal Protection

Wear a MSHA/NIOSH approved (or equivalent) half-mask air-purifying respirator. Wear compatible, chemically resistant gloves.

### Procedures

Floor may be slippery; use care to avoid falling. Eliminate all ignition sources. Ventilate the spill area. Avoid breathing dust. Use water spray to keep dusting to a minimum. Transfer spilled material to suitable containers for recovery or disposal.

---

## HAZARD INFORMATION

### HEALTH EFFECTS FROM OVEREXPOSURE

#### Primary Routes of Exposure

Inhalation  
Eye Contact  
Skin Contact

#### Inhalation

Repeated or prolonged inhalation of dust can cause the following:  
- irritation of nose, throat, and lungs - nausea - headache - dizziness - lung damage

#### Eye Contact

Like any foreign body, particles can cause mechanical irritation. Monomer vapors from heated product can cause the following:  
- slight irritation

CONTINUED



Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19108

PRODUCT: PARALOID® K-175 Modifier  
KEY: 904550-7  
DATE: 06/27/90

## CONTINUATION

### Skin Contact

Prolonged or repeated skin contact can cause the following:  
- irritation if not promptly washed from skin

## FIRE AND EXPLOSIVE PROPERTIES

|                           |                        |
|---------------------------|------------------------|
| Flash Point               | Not Applicable         |
| Auto-ignition temperature | 400°C/752°F            |
| Lower explosive limit     | 0.02 OZ/FT3 20.02 G/M3 |
| Upper explosive limit     | Not Applicable         |

## REACTIVITY INFORMATION

### Instability

This material is considered stable.

### Hazardous Decomposition Products

Thermal decomposition may yield acrylic monomers.

### Hazardous Polymerization

Product will not undergo polymerization.

### Incompatibility

There are no known materials which are incompatible with this product.

## ACCIDENT PREVENTION INFORMATION

### COMPONENT EXPOSURE INFORMATION

#### Component Information

| No.                            | CAS REG NO.  | AMT.(%) |
|--------------------------------|--------------|---------|
| 1 Acrylic polymer              | Trade Secret | 99-100  |
| 2 Individual residual monomers | Not Required | <0.1    |

#### Exposure Limit Information

| Component No. | Units | ROHM AND HAAS |      | OSHA |      | ACGIH |      |
|---------------|-------|---------------|------|------|------|-------|------|
|               |       | TWA           | STEL | TWA  | STEL | TWA   | STEL |
| 1             |       | None          | None | None | None | None  | None |
| 2             |       | a             | a    | a    | a    | a     | a    |
| Product:      | MG/M3 | 2 b           | 6 b  | 5 b  | None | None  | None |

CONTINUED

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CONTINUATION

- a Not Required  
b Respirable Fraction

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PERSONAL PROTECTION MEASURES

Respiratory Protection

For dust or mist up to 5 times the TWA/TLV's listed in the **COMPONENT EXPOSURE INFORMATION** Section wear a MSHA/NIOSH approved (or equivalent) disposable half-mask dust/mist respirator. For airborne concentrations up to 10 times the TWA/TLV's listed in the **COMPONENT EXPOSURE INFORMATION** Section wear a MSHA/NIOSH approved (or equivalent) half-mask air purifying respirator. Air-purifying respirators should be equipped with dust and mist filters.

Eye Protection

Use chemical splash goggles (ANSI Z87.1 or approved equivalent).

Hand Protection

Cotton or canvas gloves.

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FACILITY CONTROL MEASURES

Ventilation

Use explosion proof local exhaust ventilation with a minimum capture velocity of 150 ft/min. (45 m/min.) at the point of dust or mist evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Other Protective Equipment

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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STORAGE AND HANDLING INFORMATION

Storage Conditions

Material can burn; limit indoor storage to approved areas equipped with automatic sprinklers. Avoid all ignition sources.

Handling Procedures

Avoid high concentrations of dust in air and accumulation of dust on equipment. A fine dust of this material can create a dust explosion. When handling and processing this material local exhaust ventilation may be required to control dust

CONTINUED



Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19105

PRODUCT: PARALOID® K-175 Modifier  
KEY: 904550-7  
DATE: 06/27/90

## CONTINUATION

and reduce exposure to vapors. To prevent dust explosions employ bonding and grounding for operations capable of generating static electricity. Protect all equipment from explosions by following the guidelines in NFPA-68 and NFPA-69. For electrical equipment follow local codes and electrical classification NFPA-70 (the National Electrical Code), class II, division 2, group G.

## SUPPLEMENTAL INFORMATION

### TYPICAL PHYSICAL PROPERTIES

|                              |                       |
|------------------------------|-----------------------|
| Appearance                   | Free-flowing          |
| Color                        | White                 |
| State                        | Powdered solid        |
| Odor Characteristic          | Pungent, sweet odor   |
| Viscosity                    | Not Applicable        |
| Specific Gravity (Water = 1) | 1.06                  |
| Vapor Density (Air = 1)      | Not Applicable        |
| Vapor Pressure               | Not Applicable        |
| Melting point                | 132°-149°C/270°-300°F |
| Boiling point                | Not Applicable        |
| Solubility in water          | Insoluble             |
| Percent Volatility           | Negligible            |
| Evaporation rate (BAc = 1)   | Not Applicable        |

### TOXICITY INFORMATION

#### Acute Data

Oral LD50 - rat: >5000 mg/kg  
Dermal LD50 - rabbit: >2000 mg/kg  
Skin Irritation - rabbit: slight irritation  
Eye Irritation - rabbit: slight irritation  
Inhalation LC50 - rat: >1.0 mg/L for 1 hr

### WASTE DISPOSAL

#### Procedure

Place powder in air-tight bags. For disposal incinerate this material at a facility that complies with local, state, and federal regulations.

## REGULATORY INFORMATION

### WORKPLACE CLASSIFICATIONS

This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

CONTINUED

Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19105

PRODUCT: PARALOID® K-175 Modifier  
KEY: 904550-7  
DATE: 06/27/90

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**CONTINUATION**

This product is a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

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**TRANSPORTATION CLASSIFICATIONS**

US DOT Hazard Class . . . . . NONREGULATED

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**EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)**

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**Section 313 Information (40CFR 372)**

This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

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**RCRA INFORMATION**

When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (40 CFR 261).

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**CHEMICAL CONTROL LAW STATUS**

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

PARALOID® is a trademark of Rohm and Haas Company or one of its subsidiaries or affiliates.

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**ABBREVIATIONS:**

ACGIH = American Conference of Governmental Industrial Hygienists  
OSHA = Occupational Safety and Health Administration  
TLV = Threshold Limit Value  
PEL = Permissible Exposure Limit  
TWA = Time Weighted Average exposure  
STEL = Short-Term Exposure Limit  
BAC = Butyl acetate

Bar denotes a revision from previous MSDS in this area.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Rohm and Haas Company assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

BFGOODRICH

- GEON VINYL DIVISION

AVON LAKE TECHNICAL CENTER

P.O. BOX 122

Moore &amp; Walker Roads

Avon Lake, OH 44012

Recipe &amp; Raw Material Control

C.V. Purks

DATE: May 1, 1991

TO: MARK HROSS  
Independence

FAX NO.: 6459

FROM: Sharlene Mortensen

PHONE: (216) 933-0386

FAX NO.: (216) 933-1678

## MESSAGE:

MSDS for BFG code 710540 follows per your request.

 

 

 

 

 

 

 

 

 

TOTAL NUMBER OF PAGES 6 INCLUDING THIS COVER LETTER.

DEC 2 2 1989

MATERIAL SAFETY  
DATA SHEETM&T\* CHEMICALS INC.  
PO BOX 1104  
RAHWAY, NJ 07065EMERGENCY TELEPHONE  
NUMBERS  
8:30 AM - 4:30 PM  
(201) 499-2403  
AFTER HOURS  
(201) 499-2445710540  
941  
NAME USED ON LABEL: METABLEN L-1000 ACRYLIC LUBRICANT  
CHEMICAL NAME (IF SINGLE SUBSTANCE): N/A  
CHEMICAL FAMILY: ACRYLICS  
FORMULA: PROPRIETARY ACRYLIC POLYMER\*\*\*\*\*  
INGREDIENTS  
\*\*\*\*\*IDENTITY  
ACRYLIC POLYMER.CAS NO. Z  
(SEE MISC.) >98TLV  
10 MG/M3\*\*\*\*\*  
PHYSICAL DATA  
\*\*\*\*\*BOILING POINT: N/A  
SPECIFIC GRAVITY: 1.09  
VAPOR DENSITY: N/A  
% VOLATILES: 1%  
MOLECULAR WEIGHT: N/A  
APPEARANCE AND ODOR: WHITE POWDER; CHARACTERISTIC ODORFREEZING POINT: N/A  
VAPOR PRESSURE @ 20 C: N/A  
SOLUBILITY IN WATER: INSOLUBLE  
EVAPORATION RATE: N/A  
OTHER:\*\*\*\*\*  
FIRE AND EXPLOSION DATA  
\*\*\*\*\*FLASH POINT (TEST METHOD) AUTOIGNITION TEMPERATURE FLAMMABLE LTS.  
N/A 470 C LEL= UEL=  
EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICALSPECIAL FIRE FIGHTING PROCEDURES: AVOID EYE AND SKIN CONTACT. DO NOT  
BREATHE FUMES. DO NOT INHALE DUST.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: IRRITATING FUMES MAY DEVELOP WHEN  
PRODUCT IS HEATED. DUST CAN FORM EXPLOSIVE MIXTURES IN THE AIR.

PCODE: VEC

PAGE: 1 OF 5

BFG20983

22464011

**MATERIAL SAFETY  
DATA SHEET****MST+ CHEMICALS INC.  
RAHWAY, NJ 07065****NAME USED ON LABEL: METABLEN L-1000 ACRYLIC LUBRICANT**\*\*\*\*\*  
**ENVIRONMENTAL INFORMATION**  
\*\*\*\*\*

**SPILL RESPONSE:** MAY BE HAZARDOUS TO AQUATIC LIFE IF PRODUCT IS RELEASED TO OPEN WATERS. CAREFULLY SWEEP UP MATERIAL AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. AVOID CREATING A DUSTY ATMOSPHERE.

**RECOMMENDED DISPOSAL:** DISPOSE OF MATERIAL AS SOLID WASTE IN A CLOSED CONTAINER.

**EPA HAZ. WASTE DESIGNATION (FOR VIRGIN PRODUCT):**  
**OTHER:**

\*\*\*\*\*  
**HEALTH HAZARD DATA**  
\*\*\*\*\*

**EYE CONTACT:** MAY CAUSE IRRITATION.

**SKIN CONTACT:** MAY CAUSE IRRITATION AND/OR DERMATITIS.

**INHALATION:** IRRITATING TO THE RESPIRATORY TRACT.

**CHRONIC TOXICITY:** NO KNOWN EFFECTS.

**SUGGESTED FIRST AID:**

**EYES:** IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH FLOWING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

**SKIN:** FLUSH WITH FLOWING WATER FOR 15 MINUTES, THEN WASH AREA WITH MILD SOAP AND WATER. CALL A PHYSICIAN.

**INHALATION:** MOVE EXPOSED INDIVIDUAL TO FRESH AIR. CALL A PHYSICIAN.

**INGESTION:** NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.

**PCODE: VEC****PAGE: 2 OF 5****BFG20984****22464012**

MATERIAL SAFETY  
DATA SHEETMST\* CHEMICALS INC.  
RAHWAY, NJ 07065

NAME USED ON LABEL: METABLEN L-1000 ACRYLIC LUBRICANT

\*\*\*\*\*  
REACTIVITY DATA  
\*\*\*\*\*

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID CONTACT WITH OXIDIZERS. AVOID EXPOSING  
DUST TO IGNITION SOURCES.

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZERS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

\*\*\*\*\*  
SPECIAL PROTECTION INFORMATION  
\*\*\*\*\*

VENTILATION: LOCAL EXHAUST IS RECOMMENDED.

MECHANICAL (GENERAL) IS REQUIRED.

RESPIRATORY PROTECTION: USE NIOSH APPROVED HIGH EFFICIENCY DUST  
RESPIRATOR.EYE AND FACE PROTECTION: CHEMICAL WORKERS GOGGLES. DO NOT WEAR  
CONTACT LENSES.OTHER CLOTHING AND EQUIPMENT: RUBBER GLOVES. AN EYEWASH AND  
EMERGENCY SHOWER SHOULD BE READILY AVAILABLE. LAUNDER CONTAMINATED  
CLOTHING BEFORE REUSE.\*\*\*\*\*  
SPECIAL PRECAUTIONS  
\*\*\*\*\*PRECAUTIONARY LABEL INFORMATION: CAUTION! MAY CAUSE IRRITATION.  
AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER  
HANDLING.

STORAGE AND HANDLING: NORMAL WAREHOUSE HANDLING AND STORAGE.

MATERIAL SAFETY  
DATA SHEETM&T CHEMICALS INC.  
RAHWAY, NJ 07065

NAME USED ON LABEL: METABLEN L-1000 ACRYLIC LUBRICANT

\*\*\*\*\*  
TRANSPORTATION  
\*\*\*\*\*DEPARTMENT OF TRANSPORTATION (DOT)  
DOT PROPER SHIPPING NAME: NOT REQUIRED  
DOT HAZARD CLASS: NOT REQUIRED  
DOT LABEL: NOT REQUIRED  
DOT ID #: NOT REQUIRED\*\*\*\*\*  
MISCELLANEOUS  
\*\*\*\*\*ACRYLIC POLYMER: NON-HAZARDOUS ACCORDING TO THE CRITERIA OF PARAGRAPH  
(D) OF THE OSHA HAZARD COMMUNICATION STANDARD.ALL PERTINENT INFORMATION CONCERNING THE  
PROPERTIES, SAFE HANDLING, AND HEALTH EFFECTS OF THE CHEMICAL(S)  
IS DISCLOSED ON THIS MSDS.OTHER PRECAUTIONS: USE WITH ADEQUATE VENTILATION. FOR INDUSTRIAL  
USE ONLY. READ TECHNICAL DATA BULLETIN ABOUT THIS PRODUCT PRIOR TO  
USE.\*\*\*\*\*  
REVISION(S)  
\*\*\*\*\*

1. ADDED THE REQUIRED SARA TITLE III INFORMATION.

PREPARED BY SAFETY &amp; ENVIRONMENTAL AFFAIRS

ISSUED: 09/25/89

SUPERSEDES: 05/08/89

THE INFORMATION SET FORTH HEREIN HAS BEEN GATHERED FROM STANDARD  
REFERENCE MATERIALS AND/OR M&T CHEMICALS INC. TEST DATA AND IS  
TO THE BEST KNOWLEDGE AND BELIEF OF M&T CHEMICALS INC. ACCURATE AND  
RELIABLE. SUCH INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION.  
INVESTIGATION AND VERIFICATION, AND IT IS NOT SUGGESTED OR  
GUARANTEED THAT THE HAZARD PRECAUTIONS OR PROCEDURES MENTIONED ARE  
THE ONLY ONES WHICH EXIST. M&T CHEMICALS INC. MAKES NO WARRANTIES,  
EXPRESS OR IMPLIED, WITH RESPECT TO THE USE OF SUCH INFORMATION OR  
THE USE OF THE SPECIFIC MATERIAL IDENTIFIED HEREIN IN COMBINATION  
WITH ANY OTHER MATERIAL OR PROCESS, AND ASSUMES NO RESPONSIBILITY  
THEREFOR.

MATERIAL SAFETY  
DATA SHEET

M&T\* CHEMICALS INC.  
RAHWAY, NJ 07065

NAME USED ON LABEL: METABLEN L-1000 ACRYLIC LUBRICANT

\*\*\*\*\*  
ADDITIONAL INFORMATION  
\*\*\*\*\*

CLASSIFICATIONS

SARA TITLE III

ACUTE: Y

CHRON: N

PRESS: N

REACT: N

FIRE: N

RATINGS

HMS FLAHH: 0

REACT: 0

HEALTH: 1

PPE: E

NFPA FLAHH:

REACT:

HEALTH:

COMPONENTS OF THIS PRODUCT WHICH APPEAR IN THE INGREDIENTS SECTION OF THIS MSDS ARE IDENTIFIED BELOW IF THEY ARE PRESENT IN EXCESS OF DE MINIMUS REPORTING LEVELS. COMPONENTS WHICH ARE NOT REQUIRED TO BE IDENTIFIED BY SPECIFIC CHEMICAL NAME MAY HAVE A GENERIC DESCRIPTION.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE(S):  
NONE

SARA TITLE III SECTION 313 TOXIC CHEMICALS:  
NONE

STATE RIGHT-TO-KNOW

COMPONENTS OF THIS PRODUCT WHICH ARE SPECIFICALLY IDENTIFIED IN THE INGREDIENTS SECTION OF THIS MSDS MAY BE LISTED ON THE FOLLOWING:

1. PENNSYLVANIA HAZARDOUS SUBSTANCE LIST - NONE
2. MASSACHUSETTS HAZARDOUS SUBSTANCE LIST - NONE
3. CALIFORNIA PROPOSITION 65 LIST - NONE

PCODE: VEC

PAGE: 5 OF 5

22464015

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