

SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: #1003 - PART B

Company: POLYGEM INC.
PO Box 609
West Chicago, Illinois 60185

Telephone: 630-231-5600
630-231-5604 (Fax Line)

Emergency Telephone Number: 1-800-535-5053 USA
01-352-323-3444 International

Section 2 - HAZARDS IDENTIFICATION

Classification system:

This classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

Labeling according to Regulation (EC) no. 1272/2008:

GHS Hazard Pictograms:

GHS S07



Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed

H313: May be harmful in contact with skin

H315: May cause skin irritation

H320: Causes eye irritation

Precautionary Statements

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection.

P301+P330+P314 - If swallowed: Rinse mouth with water and get medical attention if you feel unwell..

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

Response Statements

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 - In case of fire: Use appropriate media for extinction

P391: Collect spillage

P403+P235: Store in well ventilated place. Keep cool.

P501: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Emergency Overview: Irritant

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Eye: May cause eye irritation

Skin: May cause skin irritation

Inhalation: May be harmful if inhaled.

Ingestion: May be harmful if swallowed. May cause vomiting

Chronic Health Effects: Prolonged or repeated skin contact may result in irritation.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

HMIS-ratings (scale 0 - 4)

CHEMICAL NAME	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

2.3 Other Hazards**None Known**

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). Unlisted ingredients are not "hazardous" per the OSHA standard.

Section 3: Hazards Identifications				
Chemical Name	CAS #	OSHA PEL*	ACGIH TLV*	WT%
Polymercaptan Resin	TS		N/E	<40
Calcium Carbonate	1317-65-3	N/E	N/E	<50
Silica, amorphous, fumed, crystalline free	112945-52-5	N/E	N/E	2

*ALL INGREDIENTS ARE REGISTERED ON TSCA.

*Unless otherwise noted, all PEL and TLV Values are reported as 8 hour time weighted averages (TWA)

*T/S - Trade Secret

Emergency Overview:

Mild or moderate eye irritation.
May cause skin irritation.
Harmful if swallowed.

HMIS RATING:

HEALTH-3, FLAMMABILITY-1, REACTIVITY-0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

Potential Health Effects

Eye contact: Mild or moderate irritation, possible minor temporary cornea injury.
Skin contact: May cause skin irritation on prolonged or repeated exposure.
Skin absorption: Not considered toxic.
Inhalation: May cause nasal irritation, central nervous system depression or lung injury.
Chronic effects of over e None

Section 4: First Aid Measures**EMERGENCY & FIRST AID PROCEDURES:**

Eyes: Flush with plenty of water and get medical attention. Keep eye lids apart. Wash within 1 minute of contact for maximum results.

Skin: Promptly wipe clean with paper or cloths and wash with soap and water. Remove contaminated clothing before reuse. Attention should be paid to hair, nose and eyes.

Inhalation: In case of exposure to high concentration of vapor or mist, remove person to fresh air.

Ingestion: If large amounts are swallowed, induce vomiting. Seek medical attention. May cause burns to mouth and throat.

Primary routes of er Inhalation, Ingestion, skin and eye contact.

Carcinogenity: This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

Flash Point: >250C
Test Method: Pensky-Martens Closed Cup (PMCC)
Lower Flammability Limit: N/A
Upper Flammable Limit: N/A
Recommended Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemicals or Fog.
Special Fire Fighting Procedures: Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove all ignition sources.

Unusual Fire or Explosion Hazards
(conditions to avoid) May produce hazardous fumes or hazardous decomposition products, such as carbon dioxide, carbon monoxide, hydrogen sulfide, oxides of sulfur and nitrogen.

Section 6: Accidental Release Measures

Special Protection: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

Steps to be taken in case of material is released or spilled:
Ventilate the area. Absorb spill with suitable absorbent material and place into a closed container. Prevent material from entering waterways. Wear protective equipment during cleanup. Use eye and skin protection.

Transport Emergency Phone Number: (INFOTRAC) 1-800-535-5053

Section 7: Handling and Storage

Handling: Harmful or irritation material. Avoid contact and avoid breathing the material
Use only in a well ventilated area.

Storage: Store in a cool, dry place.

Section 8: Exposure Control/Personal Protection

Respiratory Protection: If vapor or mist is generated and the occupational exposure limit is exceeded, use appropriate NIOSH/MSHA approved self-contained breathing equipment or a full face respirator.

Respirators should be selected by and used following requirements found in OSHA's respirator standards (29 CFR 1910.134). Not required for properly ventilation area.

Local exhaust and general ventilation is recommended.

Ventilation:

Hand Protection: Nitrile Rubbers gloves.

Eye Protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material; Have an eye wash station available.

Skin and Body Protection: Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

Section 9: Physical and Chemical Properties

Physical state: Gel

Color: Black
Odor: Amine Odor
Weight by gallon: 14 lbs
Solids (% by weight) 100
V.O.C. 0 g/L

Boiling range: 335 F
Melting point: N/E
Density: 1.04
Percent volatile: N/D
Vapor density (air=1): Not Volatile
Vapor pressure (mm Hg): N/E
Evaporation rate: N/A
Water miscibility: <0.1%

Section 10: Stability and Reactivity

Stability: Stable
Incompatibility: Strong oxidizers, epoxy resin, and amine mixtures especially when hot.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Oxides of Carbon and Phenolics under burning conditions
Conditions to avoid: Heat and warm storage

Section 11: Toxicological Information

Chemical Name **LD50/LC50**
Polymercaptan Resin Not established

Section 12: Ecological Information

Overview: No ecological information available.

Section 13: Disposal Considerations

To the best of our knowledge, this product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

Section 14: Transport Information

Consult Bill of Lading for transportation information

DOT: Not Regulated as hazardous material for transportation
IATA Shipping Name: Aviation Regulated Liquid, N.O.S. (Mercaptan-terminated polymer)
IATA UN Number: UN 3334
IATA Hazard Class: 9
IATA Packing Group: III
IMDG Shipping Name: Not regulated as hazardous material for transportation.

Section 15: Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class(es): N/A

SARA Hazard Classification: SARA Title III Regulations (40 CFR 370): N/A

SARA Section 313 Listed Ingredients: This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

Section 16: Other Information

This information is furnished without warranty, representation inducement or license of any kind, except that is accurate to the best of Polygem Inc. knowledge, or obtained from sources believed by Polygem Inc. to be accurate and Polygem Inc. does not assure any legal responsibility for use reliance upon the same. Customers are encouraged to conduct their own tests. Before using any product, please read its label.