



POLYURETHANE

**MSDS
MATERIAL SAFETY DATA SHEET**

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Thermoset Polyurethane Elastomer

PHONE NUMBERS:

PRODUCT INFORMATION: 1-800-667-0999

CHEMTREC: 1-800-424-9300

II. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Molded parts or sheets

ODOR: Slight odor

PERCENT VOLATILES: None

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1.1 – 1.2

III. STABILITY AND REACTIVITY

STABILITY: Stable at ambient temperatures and pressures

CONDITIONS TO AVOID: None known

IV. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:

Local exhaust at processing equipment. Grinding and machining of parts should be reviewed to assure that particulate levels are kept below recommended standards.

PROTECTIVE EQUIPMENT

SKIN: Protective gloves, long sleeve cotton shirt and long pants are required when handling molten material.

EYE: Safety glasses are recommended to prevent particulate from entering eyes while grinding or machining.

RESPIRATOR: None under normal processing, if ventilation is adequate



V. HEALTH HAZARDS IDENTIFICATION

ACUTE OR IMMEDIATE EFFECTS

SKIN: Molten material may cause thermal burns

INHALATION: Shapes are not considered an inhalation hazard

INGESTION: Not a probable route of exposure

LONG TERM DELAYED EFFECTS: None known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

CHRONIC EFFECTS:

As with most high molecular weight polymer, this material is considered inert.

VI. FIRST AID MEASURES

SKIN: If molten polymer contacts skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns.

EYES: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician if symptoms persist.

INHALATION: If exposure to fumes from overheating, move to fresh air. Consult a physician if symptoms persist.

VII. TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY: Harmless

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:
No information available

VIII. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE:
N/A

HAZARDOUS PRODUCTS OF COMBUSTION:

Oxides of carbon, water and smoke under burning conditions. Other combustion products are hydrogen cyanide, aromatic and aliphatic hydrocarbons.



IX. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE: N/A

X. HANDLING AND STORAGE

HANDLING: Open containers only in well-ventilated area

STORAGE: Store away from sources of direct heat

XI. DISPOSAL CONSIDERATIONS

DISPOSAL: Treatment and disposal must be in accordance with federal, state, provincial and local regulations.

XII. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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