



MATERIAL SAFETY DATA SHEET

FINISHED POLYURETHANE ELASTOMER ARTICLE

Emergency Telephone Number: (432) 334-9900

ISSUED: February 8, 2010

I – IDENTIFICATION

PRODUCT (TRADE) NAME: Finished Polyurethane Elastomer Article
GENERAL CHEMICAL DESCRIPTION: Cured solid shape Polyurethane Elastomer
INTENDED USE: Molded polymer exhibiting high abrasion resistance and flexibility.

COMPANY NAME: Safety Wrap Corp.
3276 S. County Road West
Odessa, Texas 79766

TELEPHONE NUMBER: (432) 334-9900

FAX NUMBER: (432) 334-9902

II – INGREDIENTS

Ingredients	% by Weight	CAS Number	OSHA PEL	ACGIH TLV
Polyurethane Elastomer	=100			

Maximum Exposure Value (ppm)
(8 hour time-weighted average)

III - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Molded parts or sheets
PERCENT VOLATILES: None
MELTING POINT: N/A
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY: 1.1 – 1.2

IV - STABILITY AND REACTIVITY

STABILITY: Stable at ambient temperatures and pressures
CONDITIONS TO AVOID: None known

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 (Grinding and machining of parts should be reviewed to assure that particulate levels are kept below recommended standards)

Potential environmental effects

Aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms.

V – HEALTH HAZARDS IDENTIFICATION

ACUTE OR IMMEDIATE EFFECTS SKIN: Molten material may cause thermal burns
INHALATION: Shapes/Solids 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: No known chronic effects. As with most high molecular weight polymer, this material is considered inert.

VI – FIRST AID MEASURES

FLASH POINT: Not Applicable
FLAMMABLE LIMITS: Not applicable
SELF-IGNITION TEMPERATURE: Not self-igniting
EXTINGUISHING MEDIA: Carbon Dioxide, Water spray, Dry Chemical, Foam

UNUSUAL FIRE OR EXPLOSION HAZARDS:
CURED POLYURETHANE ELASTOMER will ignite and burn when exposed to flames. Fumes and dense, irritating smoke may be evolved upon exposure to heat or open flame.

SPECIAL FIRE FIGHTING PROCEDURES:
Firefighters should wear self-contained breathing apparatus and turn-out gear.

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.

EYE: 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.

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.

HMIS III Rating

Health: 1 Flammability: 1 Physical Hazard: 0

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