

ELASTOMERIC SEPARATOR

MATERIAL SAFETY DATA SHEET

World Class Technology

Emergency Phone: 503-472-8320

Address:

Date Issued: 01/2003

1300 NE Alpha Dr

McMinnville, OR 97128

Elastomeric Separator

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME: SAFE ELASTOMERIC SEPARATOR

PRODUCT CODE: SS-2

CHEMICAL FAMILY: THERMOPLASTIC – POLYURETHANE

CHEMICAL NAME: POLYURETHANE POLYESTER ELASTOMER - BARIUM LOADED

FORMULA: N/A – POLYMERIC MATERIAL

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME: POLYURETHANE from 4,4' methylenediphenyl

/CAS NUMBER	EXPOSURE LIMITS	CONCENTRATION
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26375-23-5		99%
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3. HAZARDS IDENTIFICATION:

HAZARDOUS INGREDIENTS: THIS PRODUCT HAS NON-HAZARDOUS INGREDIENT AS DEFINED UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910 1200

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE: NONE

EXPOSURE LIMITS: NONE

POTENTIAL HEALTH EFFECTS: NONE

ROUTE(S) OF ENTRY: EYES, INHALATION

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE: NONE

ACUTE INHALATION: NO SIGNIFICANT HEALTH HAZARD

CHRONIC INHALATION: NONE

ACUTE EYE CONTACT: MECHANICAL IRRITATION

CHRONIC EYE CONTACT: NONE

CARCINOGENICITY: NONE

REV: 01 BY: AS
DATE: 01/07/03

4. FIRST AID MEASURES:

FIRST AID FOR EYES: N/A
FIRST AID FOR SKIN: N/A
FIRST AID FOR INHALATION: N/A
FIRST AID FOR INGESTION: N/A

5. FIRE FIGHTING MEASURES:

FLASH POINT: N/A
FLAMMABLE LIMITS:
UPPER EXPLOSIVE LIMIT (UEL) (%): N/A
LOWER EXPLOSIVE LIMIT (LEL) (%): N/A
EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: NONE

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES: REMOVE BY MECHANICAL MEANS

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (MIN/MAX): AMBIENT
SHELF LIFE: 2 YEARS
SPECIAL SENSITIVITE:
HANDLING/STORAGE PRECAUTIONS: STORE IN SEALED CONTAINERS. PROTECT FROM
ATMOSPHERIC MOISTURE.
OTHER NOTES:

8. PERSONAL PROTECTION:

EYE PROTECTION REQUIREMENTS: NONE
SKIN PROTECTION REQUIREMENTS: NONE REQUIRED
VENTILATION REQUIREMENTS: NONE
RESPIRATOR REQUIREMENTS: NONE
ADDITIONAL PROTECTIVE MEASURES: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM: SOLID
COLOR: VARIOUS F.D.A. ALLOWABLE COLORS
ODOR: ODORLESS
Ph:

BOILING POINT: N/A
MELTING-FREEZING POINT: 390-440F
SOLUBILITY IN WATER: INSOLUBLE
SPECIFIC GRAVITY: 1.2G/CM3 (IN WATER=1)
BULK DENSITY: APPROX. 10.01 LBS/CM3
% VOLATILE BY VOLUME: N/A
VAPOR PRESSURE: N/A

10. STABILITY AND REACTIVITY:

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
INCOMPATIBILITIES: NONE KNOWN
INSTABILITY CONDITIONS: NONE KNOWN
DECOMPOSITION PRODUCTS: BY FIRE; CARBON MONOXIDE, CARBON DIOXIDE, TRACES OF HCN AND MDI

11. TOXICOLOGICAL INFORMATION:

EMERGENCY OVERVIEW

CAUTION: CONTACT WITH HOT MATERIAL WILL CAUSE THERMAL BURNS; TOXIC GASES/FUMES ARE GIVEN OFF DURING BURNING OR DECOMPOSITION AND MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION; MELTED PRODUCT IS FLAMMABLE AND PRODUCES INTENSE HEAT AND DENSE SMOKE DURING BURNING.

12. ECOLOGICAL INFORMATION:

NONE

13. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD: IN ACCORDANCE TO FEDERAL, STATE OR LOCAL REGULATIONS

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME: POLYURETHANE POLYELASTOMER
FREIGHT CLASS BULK: N/A
FREIGHT CLASS PACKAGE: N/A
PRODUCT LABEL: N/A
HAZARD CLASS OR DIVISION: NON-HAZARDOUS
HAZARD CLASS DIVISION NUMBER: NOT HAZARDOUS BY D.O.T. REGULATIONS.

15. REGULATORY INFORMATION:

SARA TITLE III:

SECTION 302 EXTREMELY
HAZARDOUS SUBSTANCES: NONE
SECTION 311/312
HAZARD CATEGORIES: NONE
SECTION 313
TOXIC CHEMICALS: NONE
RERA STATUS: NON-HAZARDOUS

16. OTHER INFORMATION:

HMIS RATINGS: HEALTH FLAMMABILITY REACTIVITY
 0 0 0
0=MIMIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE

Glenroe's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Glenroe as a customer service.