

1. IDENTIFICATION

PRODUCT IDENTIFIER: Novatech Flexible Part B

Product Code: CH-FLX-B-001

Use: Component for Polyurethane Casting/Mold Shell Plastic. For Industrial/Professional use only. United States

Phone Number : +1 512 373 3199

Emergency Number : CHEMTREC 800-424-9300 or +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

GHS Classification: Skin Irritation - Category 2 Specific Target Organ Toxicity - Repeated Exposure Category 2 Warning

Label Elements:

Hazard Phrases:

- H315 Causes skin irritation.
- H373 May cause damage to pancreas through prolonged or repeated exposure. Precautionary Phrases
- P260 Do not breathe fumes, vapors, mists or sprays.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P319 Get medical help if you feel unwell.
- P332+P317 If skin irritation occurs: Get medical help.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: This is one part of a two-part system. using.

3. COMPOSITION/INFORMATION

ON INGREDIENTS Chemical Name CAS # %
Diethyltoluenediamine 68479-98-1 1-3% Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.

4. FIRST-AID MEASURES

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops or persists.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops or persists.

Inhalation: Remove person to fresh air. Get medical attention if symptoms develop or persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell. B Flexible

Most Important Symptoms/Effects: None known. Indication of Immediate Medical Attention/Special

Treatment: Not expected to be required.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or eruption.

Specific Hazards: Not classified as flammable or combustible. Product will burn under fire conditions. Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency

Procedures: Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors. Caution - spill area may be slippery.

Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

7. HANDLING AND STORAGE

Safe Handling: Use with adequate ventilation. Avoid breathing fumes, vapors, mists or sprays. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep container closed when not in use.

Safe Storage: Store indoors at 60-95°F (15-35°C). Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. EXPOSURE CONTROLS/

PERSONAL PROTECTION

Occupational Exposure Limits: None Established

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure.

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. Respirator selection and use should be based on contaminant type, form and concentration. For higher exposures or in an emergency, use a supplied-air respirator.

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety glasses or goggles.

Other Protective Measures: Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area.

Follow applicable regulations and good Industrial Hygiene practice.

9. PHYSICAL AND CHEMICAL

PROPERTIES

Appearance: Liquid of varied colors

Odor: Slightly pungent

Odor Threshold: No data available pH: Not applicable

Melting Point: No data available

Boiling Point: No data available

Flash Point: > 350°F (>177°C)

Evaporation Rate: No data available

Upper/Lower Flammability Limits: No data available

Vapor Pressure: <0.01 mm Hg @ 25°C

Vapor Density: No data available

Relative Density: ~1.0 @ 25°C

Solubility: Slightly soluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: 150-1500 cP

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: Reaction with strong oxidizers generates heat.

Conditions to Avoid: Avoid excessive heat.

Incompatible Materials: Avoid contact with strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon and nitrogen, organic acids, and other toxic organic compounds.

11. TOXICOLOGICAL INFORMATION

Eye Contact: May cause mild eye irritation.

Skin Contact: Causes skin irritation.

Inhalation: May cause mild respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: No data available.

Acute Toxicity Values: Not acutely hazardous.

Respiratory Sensitization: Components are not classified as respiratory sensitizers.

Skin Sensitization: Components are not classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not classified as carcinogens.

Reproductive Toxicity: Components are not classified as reproductive toxins.

Specific Target Organ Toxicity: May cause damage to the pancreas through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available. Avoid release to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Dispose according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport by any mode.

Emergency Shipping Information: CHEMTREC, 800-424-9300 or +1-703-527-3887 B Flexible

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III Section 311/312: Chronic Health Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements. Section 302 Extremely Hazardous Substances (TPQ): None EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA.

STATE REGULATIONS: California Proposition 65: These products do not contain substances known to the State of California to cause cancer and/or reproductive harm.

16. OTHER INFORMATION

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial or professional use only.

SDS Revision Notes: Updated: ; Revised GHS Hazard Classification based on updated information from suppliers.

Disclaimer: The information contained herein is considered regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.