
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Flexseal 101 (Component B)

MANUFACTURER: *de neef* Construction Chemicals Inc.

ADDRESS: 5610 Brystone Drive
Houston, TX 77095

PHONE: (800) 732-0166 (7am-5pm CST Weekdays)

FAX: (713) 849-3340

WEBSITE: www.deneef.com

EMERGENCY PHONE: CHEMTREC (800) 424-9300 (Anytime)

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE AND ODOR:

Dark Brown Liquid with a Sweet Odor.

DECOMPOSITION:

Burning or thermal decomposition may produce smoke, monoxide, carbon dioxide and nitrogen oxide.

POTENTIAL HEALTH EFFECTS

EYES:

Contact with eyes may cause irritation.

SKIN:

Skin may cause irritation.

INGESTION:

This is not considered a common occupational route of exposure, and no observable effects have been demonstrated.

INHALATION:

May cause irritation, and allergic respiratory reaction.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>Name</u>	<u>CAS NO.</u>	<u>% VOL</u>
Diphenylmethane 4,4 Dissocyanate (MDI) Homogues of MDI	9016-87-9	30% - 60%

SECTION 4: FIRST AID MEASURES

EYES:

Immediately flush eyes gently with water for at least 15 minutes, while holding open upper and lower lids. Immediately seek medical attention.

SKIN:

Remove contaminated clothing. Wash exposed area with warm soapy water. Contaminated clothing should be laundered before reusing.

INGESTION:

Induce vomiting. Never give anything to drink or induce vomiting on an unconscious person.

INHALATION:

Remove affected person immediately to fresh air. Seek medical attention immediately if symptoms develop.

SECTION 5: FIRE-FIGHTING MEASURES

Boiling Point:

Product decomposes prior to boiling.

Flash Point:

>130°C

EXTINGUISHING MEDIA:

Dry Chemical, CO₂, Foam or Water Fog

SPECIAL FIRE FIGHTING PROCEDURES:

Do not scatter material with high pressure water streams.

SECTION 5: FIRE-FIGHTING MEASURES (Continued)

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire or intense heat may decompose the product into hazardous products.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Where exposure level is known, wear approved respirator suitable for the level of exposure. If exposure level is unknown, wear approved, positive pressure, self-contained respirator. In addition to the protective clothing in section 8, wear impermeable boots.

CLEAN-UP PROCEDURES:

Remove sources of ignition. Stop and contain / dam the spill. Absorb spill with inert material (vermiculite / diatomaceous earth). Shovel material into appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING:

Avoid skin and eye contact. Wash thoroughly after handling. Keep product away from heat and open flame.

STORAGE:

Keep in manufacturer's sealed nitrogen packed pail. Maintain storage temperatures between 41°F to 122°F (5°C to 50°C).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

There is no TLV nor LD/LC established for this product.

ENGINEERING CONTROLS:

Normal room ventilation is usually adequate under normal use.

RESPIRATORY PROTECTION:

Under normal conditions of use, respiratory equipment is not required.

EYE PROTECTION:

Safety goggles or face shield

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

SKIN PROTECTION:

Use gloves; wear protective clothing to prevent skin contact.

WORK HYGIENIC PRACTICES:

Use good hygiene practices when handling this material including changing and laundering of work clothes after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dark Brown

ODOR: Sweet Odor

PHYSICAL STATE: Liquid

Solubility (H₂O): None

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Contact with moisture or high temperatures.

CONDITIONS TO AVOID (STABILITY): Ignition sources

INCOMPATIBILITY (MATERIAL TO AVOID):

Oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Fire or intense heat will decompose the product into smoke, monoxide, carbon dioxide and nitrogen oxide.

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

IARC: Group 3 (not classifiable as to its carcinogenicity in humans)

EPA: Group D

LD50: >8,000 mg/kg (rat) Diphenylmethane 4,4 Dissocyanate (MDI)

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

This product reacts with water to form carbon dioxide and polyureas; the polyureas are chemically inert products.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of per local, state and federal guidelines as required by your specific local.

SECTION 14: TRANSPORT INFORMATION

Not considered as a dangerous good for transportation. Follow all applicable shipping regulations. Contact *de neef* Construction Chemicals Inc. for any further information.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Ingredient	TSCA	CERCLA	SARA	
			302	313
4,4 Diphenylmethane Diisocyanate	Yes	5000lbs	No	Yes

NFPA HAZARD CLASSIFICATION:

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 1

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION:

November 21, 2006

This MSDS is on a three year review cycle. If the date on this sheet is older than three years please contact *de neef* Construction Chemicals Inc. for an updated MSDS.

DISCLAIMER:

All information appearing herein is based on manufacturer and/ or recognized technical sources. While the information is believed accurate *de neef* Construction Chemicals Inc. makes no representations as to the accuracy or sufficiency of the information.