

SAFETY DATA SHEET

Superior 100 Part "B" Epoxy Hardener

Revision Number: 1.01

Issue Date: 01/18/2023

Section 1: PRODUCT AND COMPANY IDENTIFICATION

<p>Product Name: SUPERIOR 100 PART B Product Type: Epoxy Hardener Restriction of Use: None identified Company Address: Dura Polymers Roof Coatings 2160 Long Lake Rd., Sudbury, Ontario, Canada P3E 5H4</p>	<p>Item Number: SFLEX100-B Region: Canada Contact Information: Telephone: +1 (877) 707-0202 Emergency Phone: +1 (877) 707-0202 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free)</p>
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Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: HARMFUL IF SWALLOWED OR IN CONTACT WITH SKIN.
 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
ACUTE TOXICITY DERMAL	4
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1

PICTOGRAMS



Precautionary Statements

Prevention:	Do not breathe vapors, mist, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.
Response:	If SWALLOWED: Immediately call poison control or physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or physician. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
Storage:	Store locked up.
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

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Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Polyoxyalkylene amine	Proprietary	60 - 100
Nonylphenol	25154-52-3	10 - 30
Polypropyleneglycol	25322-69-4	1 - 5

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

Section 4: FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Symptoms: See Section 11.

Section 5: FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

Unusual fire or explosion hazards: Closed containers may rupture (due to build-up of pressure) when exposed to extreme heat.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Phenolics. Irritating vapors.

Section 6: ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Ensure adequate ventilation. Isolate area. Keep unnecessary personnel away. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

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Section 7: HANDLING & STORAGE

Handling:	Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Refer to Section 8.
Storage:	Keep in a cool, well ventilated area. Keep container tightly closed until ready for use.

Shelf life: 2 years in sealed containers.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Component	ACGIH TLV	OSHA PEL	AIHA WEEL
Polyoxyalkylene amine	None	None	None
Nonylphenol	None	None	None
Polypropyleneglycol	None	None	10 mg/m ³ TWA Aerosol

Engineering controls:	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Eye/face protection:	Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.
Skin protection:	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Amber
Odor: Ammoniacal
Odor threshold: Not available.
pH: Not applicable
Vapor pressure: 0.2 mm hg
Boiling point/range: > 149 °C (> 300.2 °F)
Melting point/ range: Not available.
Specific gravity: Not available.
Vapor density: 0.2 Flash point: 118 °C (244.4 °F)
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Autoignition temperature: Not available.
Evaporation rate: < 1 (Ether = 1)
Solubility in water: Soluble
Partition coefficient (n-octanol/water): Not available.
VOC content: 0 %; 0 g/l (EPA Method 24) (estimated)
Viscosity: Not available.
Decomposition temperature: Not available.

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Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: None under normal processing.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Phenolics. Irritating vapors.

Incompatible materials: Strong acids and oxidizing agents.

Reactivity: Not available.

Conditions to avoid: Store away from incompatible materials. High temperatures.

Section 11: TOXICOLOGY INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.

Skin contact: Harmful in contact with skin. Causes skin burns. May cause allergic skin reaction.

Eye contact: Causes serious eye damage.

Ingestion: Harmful if swallowed.

Hazardous Component	LD50 and LC50	Immediate and Delayed Health Effects
Polyoxyalkylene amine	None	Corrosive, Irritant
Nonylphenol	Oral LD50 (Rat) = 1600 mg/kg Dermal LD50 (Rabbit) = 2,140 mg/kg	Allergen, Corrosive, Irritant, Kidney
Polypropylene Glycol	None	Allergen, Cardiac, Central nervous system, Irritant

Hazardous Components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyoxyalkylene amine	No	No	No
Nonylphenol	No	No	No
Polypropylene Glycol	No	No	No

Section 12: ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains / surface water / ground water.

Section 13: DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D002: Corrosive.

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Section 14: TRANSPORTATION INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Corrosive liquids, n.o.s. (Polyamine, Nonylphenol)
Hazard class or division: 8
Identification number: UN 1760
Packing group: III
Marine pollutant: Nonylphenol

International Air Transportation (ICAO/IATA)

Proper shipping name: Corrosive liquid, n.o.s. (Polyamine, Nonylphenol)
Hazard class or division: 8
Identification number: UN 1760
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: CORROSIVE LIQUID, N.O.S. (Polyamine, Nonylphenol)
Hazard class or division: 8
Identification number: UN 1760
Packing group: III

Section 15: REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. TSCA 12 (b) Export Notification: Alkyl phenol (CAS# 25154-52-3).

CERCLA/SARA Section 302 EHS: None above reporting de minimis

CERCLA/SARA Section 311/312: Immediate Health

CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Nonylphenol (CAS# 25154-52-3).

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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Section 16: OTHER INFORMATION

Disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

Dura Polymers Roof Coatings

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