



KIT - SAFETY DATA SHEET

Product identifier used on the label:

Kit Name **SpeedGrip Epoxy Seam Sealer**
Stock No. 63642597120

Other means of identification:

Product Description: Epoxy Seam Sealer, 110 ml / 3.72 fl oz US
Synonyms: None

Recommended use of the chemical and restrictions on use:

Product uses: Epoxy adhesive / sealant

Chemical manufacturer address and telephone number:

Manufacturer Name: Saint-Gobain Abrasives, Inc.
Address: 1 New Bond Street
Worcester, MA 01615
Website: www.Nortonabrasives.com
General Phone Number: 508-795-5000

Chemical distributor address and telephone number:

Manufacturer Name: Saint-Gobain Canada, Inc.
Address: 28 Albert Street, W
ON Canada N0J 1S0
Website: www.Nortonabrasives.com
General Phone Number: 519-684-7441

Emergency phone number:

Emergency Phone Number: 508-795-5000
CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300
For emergencies in Canada, call CHEMTREC: 800-424-9300

Component list

SpeedGrip Epoxy Seam Sealer Part A	SpeedGrip Epoxy Seam Sealer Part A
SpeedGrip Epoxy Seam Sealer Part B	SpeedGrip Epoxy Seam Sealer Part B
Kit SDS Revision Date	12/04/18



Section 1: Identification of the Substance/Mixture and of the Company Undertaking

Product identifier used on the label:

Product Name: SpeedGrip Epoxy Seam Sealer Part A

Other means of identification:

Product Codes: 63642597120

Product Description: Part A Epoxy Seam Sealer, 110 ml / 3.72 fl oz US

Chemical Family: Epoxy

Recommended use of the chemical and restrictions on use:

Product Uses: Epoxy adhesive / sealant

Chemical manufacturer address and telephone number:

Manufacturer Name: Saint-Gobain Abrasives, Inc.

Manufacturer Address 1: 1 New Bond Street

Manufacturer City: Worcester

Manufacturer State: MA

Manufacturer Zip Code: 01615

Manufacturer Country: USA

Manufacturer Web: www.Nortonabrasives.com

Business Phone: 508-795-5000

Distributor: Saint-Gobain Canada, Inc.

Distributor Address 1: 28 Albert St, W.

Distributor City: Plattsville

Distributor State: ON

Distributor ZipCode: N0J 1S0

Distributor Country: Canada

Distributor Web: www.Nortonabrasives.com

Distributor Phone: 519-684-7441

Emergency phone number:

Emergency Phone: 508-795-5000

Creation Date: 2018-11-12

Revision Date: 2018-12-04 15:59:34

Notes from Section 1: CHEMTREC:
For emergencies in the US, call CHEMTREC: 800-424-9300
For emergencies in Canada, call CHEMTREC: 800-424-9300

Section 2: Hazards Identification

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

**Signal Words:**

Danger

Emergency Overview:

Immediate concerns: Causes serious eye irritation. Causes skin irritation. May cause sensitization by skin contact. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash. May damage the unborn child. Suspected of damaging fertility. Suspected of causing cancer.

Comments:

See sections 9 and 10 for more detailed information on physicochemical effects.
See section 11 for more detailed information on health effects.
See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

Product:**GHS Class:****Classification of the substance or mixture:**

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

Health hazards:

Skin Irritation, Category 2
Eye Irritation, Category 2A
Skin Sensitization, Category 1
Reproductive Toxicity, Category 1B
Carcinogenicity, Category 2

Label elements:

Hazardous components for labelling:
Epoxy resin, Benzyl butyl phthalate and Carbon Black
Exclamation mark
Health hazard

Hazard Statements:

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H317 - May cause an allergic skin reaction.
H360 - May damage fertility or the unborn child .
H351 - Suspected of causing cancer .

Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands thoroughly after handling.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves and eye protection.
P308+P313 - IF exposed or concerned: Get medical advice/ attention.
P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

Hazards not otherwise classified that have been identified during the classification process:

Section 3: Composition/Information on Ingredients

Mixtures:

Ingredient Name	CAS Number	Ingredient Percent	EC Number	Comments
Bisphenol A / epichlorohydrin epoxy resin	25085-99-8 (25068-38-6)	Wt. %: 63 - 67		
Benzyl butyl phthalate	85-68-7	Wt. %: 23 - 27		
Carbon Black	1333-86-4	Wt. %: 0.2 - 0.4		

Product:

Notes::

Hazards Not Otherwise Classified: No data available.

Comments:

Comments: There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

Section 4: First Aid Measures

Description of necessary measures:

Eye Contact:

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention, if irritation persists.

Skin Contact:

Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and wash before reuse.

Inhalation:

Not expected to present a significant inhalation hazard under anticipated conditions of normal use. If you experience eye watering, headaches or dizziness, increase fresh air or leave the area.

Ingestion:

Do not induce vomiting. Rinse mouth with water. Give 1 to 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms/effects, acute and delayed:

Indication of immediate medical attention and special treatment needed

Notes from Section 4:**Signs and Symptoms of Overexposure:**

Eye Contact: Contact causes serious eye irritation. Symptoms may include pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin Contact: Causes skin irritation. Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with very small amount of the liquid material.

Ingestion: Substance may be harmful if swallowed. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

Inhalation: At room temperature, exposure to vapor is minimal due to low volatility.

Additional Information: No data available.

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Use an extinguishing agent suitable for the surrounding fire.

Specific hazards arising from the chemical

Hazardous Combustion Products: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Sensitivity To Impact: Sensitivity to Mechanical Impact: Product is not sensitive to mechanical impact.

Static Discharge Effects: Sensitivity to Static Discharge: Product is not sensitive to static discharge.

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions: Fire Fighting Procedures: Containers can build up pressure if exposed to heat (fire).

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

NFPA Health: 2

NFPA Fire: 1

NFPA Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures**Methods and materials for containment and cleaning up**

Small Spill: Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Avoid contact with eyes, skin, and clothing.

Land Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Water Spill: Do not flush to sewer.

Environmental precautions

Notes from Section 6: Special Protective Equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Do not use in the presence of open flame or spark. Wear recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. After handling, always wash hands thoroughly with soap and water.

Hygiene Practices: Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

Conditions for safe storage, including any incompatibilities

Storage: Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Protect from physical damage. Keep containers tightly closed, when not in use. Store in a cool place.

Notes from Section 7: General Procedures: Ensure thorough ventilation of stores and work areas.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure Guidelines - Ingredient Based:

Bisphenol A / epichlorohydrin epoxy resin:

OEL: Type: USA
ppm: -- [1]
mg/m3: -- [1]

Benzyl butyl phthalate:

OEL: Type: USA
ppm: [1]
mg/m3: [1]

OEL - TWA: Type: EU
ppm: -- [2]
mg/m3: 3 [2]

OEL - STEL: Type: EU
ppm: -- [2]
mg/m3: 5 [2]

Carbon Black:

ACGIH - TLV - TWA: ppm: -- [3]
mg/m3: 3.5 [3]

USA - OSHA - PEL - TWA: ppm: --
mg/m3: 3.5

USA - NIOSH - REL - TWA: ppm: --
mg/m3: 3.5

Appropriate engineering controls

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Individual protection measures

Eye Protection: Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

Face Protection:	Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.
Skin Protection:	Skin Contact: Wear chemical resistant gloves.
Protective Clothing:	Wear protective clothing as necessary to prevent contact.
Respiratory Protection:	Generally not required. Wear respiratory protection if ventilation is inadequate.
Hygiene Practices:	Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.
Notes from Section 8:	Footnotes: 1. This material does not have established exposure limits in the USA under OSHA, NIOSH, ACGIH. 2. Austria, Denmark, Sweden 3. Inhalable particulate matter.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	Liquid Appearance: Viscous thixotropic paste
Color:	Black
Odor:	Mild
pH:	No data available.
Melting Temperature:	Not Applicable
Boiling Temperature:	No data available.
Flash Point:	> 200 °C
Flash Point Method:	Closed Cup
Ignition Temperature:	No data available.
Lower Flammable Limit:	No data available.
Upper Flammable Limit:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Freezing Temperature:	No data available.
Density:	1.19±0.02g/ml at 20°C
Solubility In Water:	Practically insoluble
Evaporation Rate:	(n-butyl acetate = 1): No data available.
Percent Volatile:	< 0.6% w/w

VOC Content:	< 7.0 g/l (< 0.6% w/w)
	VOC Compliance Statement: Part A VOC Content: Less Exempts: < 7 g/l (< 0.058 lb/gal)
	Total Material: < 7 g/l (< 0.058 lb/gal)
	Part A Density: 1.19 ± 0.02 g/ml
	Part A Total Volatiles: < 0.6 % w/w
	Part A Exempt Content: 0 % w/w; 0% v/v
	VOC Regulation: CARB-California, OTC state, Canada proposed Consumer Product Regulations
	Coating Category: Sealant or Caulking Compound, Chemically Curing, non-aerosol
	Mixed Kit VOC Content: < 0.4 % w/w Less Exempts: < 5.0 g/l (< 0.04 lb/gal) Total Material: < 5.0 g/l (< 0.04 lb/gal)
	The product VOC content meets the current 3% w/w limit under the CARB Consumer Product Regulations for Sealant or Caulking Compound, Chemically Curing, non-aerosol. 50 State compliant.
Viscosity:	> 200000 cps at 20°C
Molecular Formula:	Mixture / Mélange
Odor Threshold:	No data available.
Oxidizing Properties:	None
Note from Section 9:	Note: In California this product is exempt under Adhesives and Sealants district rules (meets small container exemption - packaged in ≤ 475 ml (16 fl oz) cartridges) but is covered by the CARB Consumer Product Regulation.

Section 10: Stability and Reactivity

Reactivity:

Reactivity:	Reactive Hazard: No
	Possibility of Hazardous Reactions: No data available.

Chemical Stability:

Chemical Stability:	Stable.
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Possibility of hazardous reactions:

Hazardous Polymerization:	Not expected to occur.
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Conditions To Avoid:

Conditions To Avoid:	Keep away from flames and incompatible materials. Keep away from flames and any object that sparks.
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Incompatible Materials:

Incompatible Materials:	Oxidizing materials.
Hazardous Decomposition Products:	Carbon Monoxide and other toxic vapors.

Section 11: Toxicological Information

Toxicological Information:

Product:

Acute Toxicity:

Notes: < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity. No additional toxicology information is available for this product itself. (See Component Toxicity Information).

Skin Toxicity:

Acute Toxicity - Dermal LD50: Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Ingestion Toxicity:

Acute Toxicity - Oral LD50: Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Inhalation Toxicity:

Acute Toxicity - Inhalation LC50: The mixture is not classified due to lack of data. At room temperature, exposure to vapor is minimal due to low volatility. An estimate based on component information. Not classified.

Carcinogenicity:

Notes: Contains: Carbon Black. Carbon black is listed as Group 2B (possibly carcinogenic to humans). The mixture is classified as: Carcinogenicity, category 2 based on ingredient data using the applicable cutoff/concentration limits ($\geq 0.1\%$ ingredients classified as a Carcinogen, category 2). Possible cancer hazard based on tests with laboratory animals.

Mutagenicity:

Germ Cell Mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Reproductive Toxicity:

Contains: Benzyl butyl phthalate. May cause adverse reproductive effects. May damage the unborn child. Suspected of damaging fertility. The mixture is classified as: Reproductive Toxicity, category 1 based on ingredient data using the applicable cut-off/concentration limits ($\geq 0.1\%$ ingredients classified as Reproductive Toxicity, category 1A or 1B).

Irritation:

Skin Irritation / Corrosion: Contains: Epoxy resin. Causes skin irritation. The mixture is classified as: Skin Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as skin irritant, category 2). Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash.

Eye Irritation / Serious Eye Damage: Contains: Epoxy resin. Contact causes serious eye irritation. The mixture is classified as: Eye Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as eye irritant, category 2). Symptoms may include pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Sensitization:

Respiratory / Skin Sensitizer:

Contains: Epoxy resin. May cause sensitization by skin contact. The mixture is classified as: Skin Sensitizer, category 1 based on ingredient data ($\geq 0.1\%$ ingredients classified as a skin sensitizer, category 1 or sub-category 1A or $\geq 1.0\%$ ingredients classified as a skin sensitizer, sub-category 1B). Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with very small amount of the liquid material. Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B).

Carbon Black:

Skin Toxicity:

Dermal LD50 mg/kg(rabbit): > 3000

Ingestion Toxicity:	Oral LD50 mg/kg(rat): > 15,400
Inhalation Toxicity:	Inhalation LC50 mg/l: Not Applicable
Carcinogenicity:	Other: A3 (ACGIH)
IARC Carcinogen:	IARC status: 2B

Benzyl butyl phthalate:

Skin Toxicity:	Dermal LD50 mg/kg(rabbit): > 10,000
Ingestion Toxicity:	Oral LD50 mg/kg(rat): 2330
Inhalation Toxicity:	Inhalation LC50 mg/l: No data available.
IARC Carcinogen:	IARC status: 3

Bisphenol A / epichlorohydrin epoxy resin:

Skin Toxicity:	Dermal LD50 mg/kg(rabbit): > 22,800
Ingestion Toxicity:	Oral LD50 mg/kg(rat): 11,400 > 15,000
Inhalation Toxicity:	Inhalation LC50 mg/l: No data available.

Section 12: Ecological Information

Ecotoxicity:**Product:**

Ecotoxicity:	Ecotoxicological Information: No data available.
Environmental Stability:	Environmental Data: No data available.
Effect of Material On Aquatic:	Aquatic Toxicity (Acute): No data available.

Persistence and degradability:**Product:**

Environmental Fate:	Chemical Fate Information: No data available.
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Bioaccumulative potential:**Product:**

BioAccumulation:	No data available.
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Mobility in soil:**Product:**

Notes from Section 12:	Distribution: No data available.
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Section 13: Disposal Considerations

Description of waste:**Waste Disposal:**

Disposal Method: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product Disposal: Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

Section 14: Transport Information

DOT Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
DOT UN Number:	3082
DOT Hazard Class:	9
DOT Packing Group:	III
DOT Other:	Technical Name : Benzyl Butyl Phthalate and Epoxy Resin Marine Pollutant : Yes Other Shipping Information: These Regulations do not apply to the handling, offering for transport or transporting of less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle.
IMDG Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IMDG UN Number:	3082
IMDG Hazard Class:	9
IMDG Packing Group:	III
IMDG Other:	Technical Name : Benzyl Butyl Phthalate and Epoxy Resin Marine Pollutant : Yes Label : None Note: With an inner packaging < 5.0 L, this product may be shipped as a Limited Quantity.
IATA Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IATA UN Number:	3082
IATA Hazard Class:	9
IATA Packing Group:	III
IATA Other:	Technical Name : Benzyl Butyl Phthalate and Epoxy Resin
Canada Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Canada UN Number:	3082
Canada Hazard Class:	9
Canada Other:	Technical Name : Benzyl Butyl Phthalate and Epoxy Resin Packing Group : III Label : None TDG Note: These Regulations do not apply to the handling, offering for transport or transporting of less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle.
ICAO Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO UN Number:	3082
ICAO Packing Group:	III
ICAO Hazard Class:	9
ICAO Other:	Technical Name : Benzyl Butyl Phthalate and Epoxy Resin

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

311/312 Health Hazards:

Carcinogenicity, Eye Irritation, Reproductive Toxicity, Skin Irritation, Skin Sensitization

SARA Section 311/312 Hazard Categories:

311/312 Physical Hazards: None
 Fire Hazard : No
 Sudden Release of Pressure : No
 Reactive Hazard : No
 Product Acute Toxicity : Yes
 Product Chronic Toxicity : Yes

EPCRA Section 313 Toxic Chemicals:

This product does not contain any listed toxic chemicals that exceed the threshold reporting levels established by SARA Title III, Section 313.

EPCRA Section 313 Toxic Chemicals:

Chemical Name Wt.% CAS number
 Benzyl butyl phthalate 23 - 27 85-68-7

EPCRA Status:

This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

TSCA Status:

All components are included or are otherwise exempt from inclusion on this inventory.

CAA 112(r) - List of Substances for Accidental Release Prevention:

This product contains no chemicals subject to CAA 112(b) or CAA 112(r).

OSHA Hazard Communication Standard (29 CFR 1910.1200):

OSHA Status: Hazardous Product (See Section 2 for details).
 This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

WHMIS Hazard Symbol and Classification:

See Section 2 for details.

WHMIS Regulatory Status:

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

WHMIS Classification:

WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):

All components are included or are otherwise exempt from inclusion on this inventory.

Comments:

VOC Content -- See section 9.

Regulatory - Ingredient Based:

Benzyl butyl phthalate:

CERCLA Hazardous Substances and Reportable Quantities (RQ): RQ: 100

California Proposition 65: Listed: Developmental Toxicity

CEPA - National Pollutant Release Inventory (NPRI): NPRI Part No.: 1A, 5 (VOC)

Carbon Black:

California Proposition 65: Listed: Cancer

Section 16: Additional Information

Creation Date: 2018-11-12

Revision Date: 2018-12-04 15:59:34

Notes from Section 16: NFPA 30 / 30B Storage Classification: Combustible Liquid IIIB

Manufacturer Supplemental Notes: None
Data Sources: Not Available

Additional SDS Information:

- N/AV Not Available
- N/AP Not Applicable
- ND Not yet determined
- ACGIH American Conference of Governmental Industrial Hygienists
- CAA The Clean Air Act
- CCCR The Consumer Chemicals and Containers Regulations
- CEPA The Canadian Environmental Protection Act
- CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
- EPCRA The Emergency Planning and Community Right-To-Know Act
- IARC International Agency for Research on Cancer
- MSHA Mine Safety and Health Administration
- NIOSH National Institute for Occupational Safety and Health
- NTP National Toxicology Program
- OSHA The Occupational Safety and Health Administration
- SARA The Superfund Amendments and Reauthorization Act
- WHMIS Workplace Hazardous Materials Information System

General Statements: No data available.

Comments: None

HMIS:

Health	2*
Flammability	1
Reactivity	0
PPE	B

Chronic Health Hazard

NFPA:



Other Information:



Section 1: Identification of the Substance/Mixture and of the Company Undertaking

Product identifier used on the label:

Product Name: SpeedGrip Epoxy Seam Sealer Part B

Other means of identification:

Product Codes: 63642597120

Product Description: Part B Epoxy Seam Sealer, 110 ml / 3.72 fl oz US

Chemical Family: Mercaptan

Recommended use of the chemical and restrictions on use:

Product Uses: Epoxy adhesive / sealant

Chemical manufacturer address and telephone number:

Manufacturer Name: Saint-Gobain Abrasives, Inc.

Manufacturer Address 1: 1 New Bond Street

Manufacturer City: Worcester

Manufacturer State: MA

Manufacturer Zip Code: 01615

Manufacturer Country: USA

Manufacturer Web: www.Nortonabrasives.com

Business Phone: 508-795-5000

Distributor: Saint-Gobain Canada, Inc.

Distributor Address 1: 28 Albert St, W.

Distributor City: Plattsville

Distributor State: ON

Distributor ZipCode: N0J 1S0

Distributor Country: Canada

Distributor Web: www.Nortonabrasives.com

Distributor Phone: 519-684-7441

Emergency phone number:

Emergency Phone: 508-795-5000

Creation Date: 2018-11-12

Revision Date: 2018-12-04 16:00:24

Notes from Section 1: CHEMTREC:
For emergencies in the US, call CHEMTREC: 800-424-9300
For emergencies in Canada, call CHEMTREC: 800-424-9300

Section 2: Hazards Identification

Classification of the chemical in accordance with CFR 1910.1200(d)(f):



Signal Words:	Danger
Emergency Overview:	<p>Immediate concerns: Causes eye damage. Prolonged skin contact causes burns. May cause respiratory irritation. Strong, offensive odor. Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.</p> <p>Comments: See sections 9 and 10 for more detailed information on physicochemical effects. See section 11 for more detailed information on health effects. See sections 12 for more detailed information on environmental effects. The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.</p> <p>Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.</p>
Product:	
GHS Class:	<p>Classification of the substance or mixture</p> <p>The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.</p> <p>Health hazards: Skin Corrosion, Category 1C Serious Eye Damage, Category 1 Specific Target Organ Toxicity - Single Exposure, Category 3 (Respiratory Tract Irritation)</p> <p>Label elements Hazardous components for labelling: Mercaptan terminated polymer, 2,4,6-Tris(dimethylaminomethyl) phenol and Bis(dimethylaminomethyl) phenol. Corrosion Exclamation mark</p>
Hazard Statements:	<p>H314 - Causes severe skin burns and eye damage. H335 - May cause respiratory irritation.</p>
Precautionary Statements:	<p>P264 - Wash hands thoroughly after handling P280 - Wear protective gloves and eye protection. P261 - Avoid breathing vapours. P271 - Use only outdoors or in a well-ventilated area. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P363 - Wash contaminated clothing before reuse. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container in accordance with applicable local, regional and/or national regulations.</p>

Hazards not otherwise classified that have been identified during the classification process:

Section 3: Composition/Information on Ingredients

Mixtures:

Ingredient Name	CAS Number	Ingredient Percent	EC Number	Comments
Mercaptan terminated polymer	101359-87-9	Wt.% : 84 - 88		
2,4,6-Tris(dimethylaminomethyl) phenol	90-72-2	Wt.% : 7 - 8		
Bis(dimethylaminomethyl) phenol	71074-89-0	Wt.% : 0.7 - 1.1		

Product:

Notes::

Hazards Not Otherwise Classified: No data available.

Comments:

Comments: There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section. 2,4,6-Tris(dimethylaminomethyl) phenol is a complex substance i.e. complex mixture of known or unknown composition. Bis(dimethylaminomethyl) phenol is a hazardous constituent that may be contained in the complex substance.

Section 4: First Aid Measures

Description of necessary measures:

Eye Contact:

In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact:

Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

Inhalation:

No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If you experience eye watering, headaches or dizziness, increase fresh air or leave the area.

Ingestion:

Do not induce vomiting. Rinse mouth with water. Give 1 to 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms/effects, acute and delayed:

Indication of immediate medical attention and special treatment needed

Notes from Section 4:

Signs and Symptoms of Overexposure
 Eye Contact: Corrosive. Will cause eye burns and permanent tissue damage.
 Skin Contact: Contact causes severe skin irritation and possible burns.
 Ingestion: Corrosive and may cause severe and permanent damage to mouth, throat and stomach.
 Inhalation: May be irritating to the eyes, nose, throat, and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation. Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.
 Additional Information: No data available.

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media

Extinguishing Media:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Use an extinguishing agent suitable for the surrounding fire.

Specific hazards arising from the chemical

Hazardous Combustion Byproducts:

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Sensitivity To Impact:

Product is not sensitive to static discharge.

Static Discharge Effects: Product is not sensitive to mechanical impact.

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions: Fire Fighting Procedures: Containers can build up pressure if exposed to heat (fire).

Protective Equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

NFPA Health: 3

NFPA Fire: 1

NFPA Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Small Spill: Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Avoid contact with eyes, skin, and clothing.

Land Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Water Spill: Do not flush to sewer

Environmental precautions

Section 7: Handling and Storage

Precautions for safe handling

Handling: Use only with adequate ventilation. Avoid breathing vapour. Avoid contact with eyes, skin, and clothing. Wear recommended personal protective equipment. After handling, always wash hands thoroughly with soap and water.

Work Practices: Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

Hygiene Practices: Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

Conditions for safe storage, including any incompatibilities

Storage: Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Protect from physical damage. Keep containers tightly closed, when not in use. Store in a cool place.

Notes from Section 7: General Procedures: Ensure thorough ventilation of stores and work areas.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure Guidelines - Ingredient Based:

Mercaptan terminated polymer:

OEL: ppm : [1]
mg/m3 : [1]

2,4,6-Tris(dimethylaminomethyl) phenol:

OEL: ppm : [1]
mg/m3 : [1]

Bis(dimethylaminomethyl) phenol:

OEL: ppm : [1]
mg/m3 : [1]

Appropriate engineering controls

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Individual protection measures

Eye Protection: Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

Face Protection: Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

Skin Protection: Wear chemical resistant gloves.

Protective Clothing: Wear protective clothing as necessary to prevent contact.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Hygiene Practices: Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

Notes from Section 8: Footnotes:
1. This material does not have established exposure limits in the USA under OSHA, NIOSH, ACGIH.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State: Liquid
Appearance : Viscous thixotropic paste

Color: Translucent

Odor: Mercaptan odor, stench

pH: No data available.

Melting Temperature: Not Applicable

Boiling Temperature: No data available.

Flash Point: > 124 °C

Flash Point Method: Closed Cup

Ignition Temperature: No data available

Lower Flammable Limit: No data available.

Upper Flammable Limit: No data available.

Vapor Pressure: No data available.

Vapor Density:	No data available.
Freezing Temperature:	No data available.
Density:	1.14±0.02g/ml at 20°C
Solubility In Water:	Practically insoluble
Evaporation Rate:	(n-butyl acetate = 1) : No data available.
Percent Volatile:	% < 0.2% w/w
VOC Content:	< 2.5 g/l (< 0.2% w/w)

VOC Compliance Statement

Part B VOC Content: Less Exempts: < 2.5 g/l (< 0.021 lb/gal)

Total Material: < 2.5 g/l (< 0.021 lb/gal)

Part B Density: 1.14 ± 0.02 g/ml

Part B Total Volatiles: < 0.2 % w/w

Part B Exempt Content: 0 % w/w; 0% v/v

VOC Regulation: CARB-California, OTC state, Canada proposed Consumer Product Regulations

Coating Category: Sealant or Caulking Compound, Chemically Curing, non-aerosol

Mixed Kit VOC Content: < 0.4 % w/w

Less Exempts: < 5.0 g/l (< 0.04 lb/gal)

Total Material: < 5.0 g/l (< 0.04 lb/gal)

The product VOC content meets the current 3% w/w limit under the CARB Consumer Product Regulations for Sealant or Caulking Compound, Chemically Curing, non-aerosol.

50 State compliant.

Note: In California this product is exempt under Adhesives and Sealants district rules (meets small container exemption - packaged in ≤ 475 ml (16 fl oz) cartridges) but is covered by the CARB Consumer Product Regulation.

Viscosity:	> 200000 cps at 20°C
Molecular Formula:	Mixture / Mélange
Odor Threshold:	No data available.
Oxidizing Properties:	None

Section 10: Stability and Reactivity

Reactivity:

Reactivity:	Reactive Hazard : No Possibility of Hazardous Reactions: No data available.
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Chemical Stability:

Chemical Stability:	Stable
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Possibility of hazardous reactions:

Hazardous Polymerization:	Not expected to occur.
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Conditions To Avoid:

Conditions To Avoid:	Keep away from flames and incompatible materials. Keep away from flames and any object that sparks.
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Incompatible Materials:

Incompatible Materials:	Oxidizing materials.
Hazardous Decomposition Products:	By fire and high heat: Carbon monoxide, Carbon dioxide, Oxides of nitrogen and other undetermined compounds.

Section 11: Toxicological Information

Toxicological Information:

Product:

Skin Toxicity: Acute Toxicity - Dermal LD50: Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg. Slightly toxic. May be harmful in contact with skin.

Ingestion Toxicity: Acute Toxicity - Oral LD50: Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg. Slightly toxic. May be harmful if swallowed.

Inhalation Toxicity: Acute Toxicity - Inhalation LC50: Based on available ingredient data, the classification criteria for Acute Toxicity - inhalation are not met for this mixture. The calculated ATE is >20 mg/l/4h (vapours). An estimate based on component information. Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.

Route of Exposure: Primary Routes of Entry: Eye contact. Skin contact. Inhalation.

Carcinogenicity: Notes: Based on available data, the classification criteria for Carcinogenicity are not met for this mixture (< 0.1% ingredients classified as a Carcinogen, category 1 or 2).

Mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Reproductive Toxicity: Based on available data, the classification criteria for Reproductive Toxicity are not met for this mixture (< 0.1% ingredients classified as Reproductive Toxicity, category 1 or 2).

Irritation: Skin Irritation / Corrosion: Contains: 2,4,6-Tris(dimethylaminomethyl) phenol and Bis(dimethylaminomethyl) phenol. The mixture is classified as: Skin Corrosive, category 1, based on summation of ingredient data (>5% ingredients classified as skin corrosive, category 1). Corrosive, causes permanent skin damage (scarring).

Eye Irritation / Serious Eye Damage: Contains: 2,4,6-Tris(dimethylaminomethyl) phenol and Bis(dimethylaminomethyl) phenol. The mixture is classified as: Eye Damage, category 1, based on summation of ingredient data (> 3% ingredients classified as skin and/or eye category 1). Corrosive. Will cause eye burns and permanent tissue damage.

Sensitization: Respiratory / Skin Sensitizer: Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B). Based on available data, the classification criteria for skin sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a skin sensitizer, sub-category 1B).

Notes from Section 11: Notes: < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity. No additional toxicology information is available for this product itself. (See Component Toxicity Information).

Mercaptan terminated polymer:

Skin Toxicity: Dermal LD50 mg/kg(rabbit) : > 2000 Based on similar compounds.

Ingestion Toxicity: Oral LD50 mg/kg(rat) : > 2000 Based on similar compounds.

Inhalation Toxicity: Inhalation LC50 mg/l : >10(rat;4h) Based on similar compounds.

2,4,6-Tris(dimethylaminomethyl) phenol:

Skin Toxicity: Dermal LD50 mg/kg(rabbit) : 1400(rbt), 1280(rat)

Ingestion Toxicity: Oral LD50 mg/kg(rat) : 1200, 2500, 2169, 1673

Inhalation Toxicity: Inhalation LC50 mg/l : >0.5(rat;1h)

Bis(dimethylaminomethyl) phenol:

Skin Toxicity: Dermal LD50 mg/kg(rabbit) : No data available.

Ingestion Toxicity: Oral LD50 mg/kg(rat) : No data available.

Inhalation Toxicity: Inhalation LC50 mg/l : No data available.

Section 12: Ecological Information

Ecotoxicity:

Product:

Ecotoxicity: Ecotoxicological Information: No data available.

Effect of Material On Aquatic: Aquatic Toxicity (Acute): No data available.

Persistence and degradability:

Product:

Environmental Fate: Chemical Fate Information: No data available.

Bioaccumulative potential:

Product:

BioAccumulation: Bioaccumulation/Accumulation: No data available.

Mobility in soil:

Product:

Notes from Section 12: Environmental Data: No data available.
Distribution: No data available.

Section 13: Disposal Considerations

Description of waste:

Waste Disposal: Disposal Method: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product Disposal: Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

Section 14: Transport Information

DOT Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

DOT UN Number: 2735

DOT Hazard Class: 8

DOT Packing Group: III

DOT Other:	Technical Name : 2,4,6-Tris(dimethylaminomethyl) phenol and Bis(dimethylaminomethyl) phenol Marine Pollutant : No Other Shipping Information: For products with an inner packaging < 5.0 L, this product may be shipped as a Limited Quantity.
IMDG:	Vessel (IMO/IMDG)
IMDG Shipping Name:	POLYAMINES, LIQUID, CORROSIVE, N.O.S.
IMDG UN Number:	2735
IMDG Hazard Class:	8
IMDG Other:	Technical Name : 2,4,6-Tris(dimethylaminomethyl) phenol and Bis(dimethylaminomethyl) phenol Marine Pollutant : No Note: For products with an inner packaging < 5.0 L, this product may be shipped as a Limited Quantity.
Canada TDG:	Canadian Transportation of Dangerous Goods Regulations
Canada Shipping Name:	POLYAMINES, LIQUID, CORROSIVE, N.O.S
Canada UN Number:	2735
Canada Hazard Class:	8
Canada Other:	Technical Name : 2,4,6-Tris(dimethylaminomethyl) phenol and Bis(dimethylaminomethyl) phenol Packing Group : III TDG Note: With an inner packaging < 5.0 L, this component may be shipped as a Limited Quantity as per TDG Section 1.17.

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

UNITED STATES:

SARA Section 311/312 Hazard Categories
311/312 Health Hazards: Respiratory Tract Irritation, Serious Eye Damage, Skin Corrosion
311/312 Physical Hazards: None
Fire Hazard : No
Sudden Release of Pressure : No
Reactive Hazard : No
Product Acute Toxicity : Yes
Product Chronic Toxicity : No

EPCRA Section 313 Toxic Chemicals::

This product does not contain any listed toxic chemicals that exceed the threshold reporting levels established by SARA Title III, Section 313.

EPCRA Section 302 Extremely Hazardous Substances:

EPCRA Status: This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substances and Reportable Quantities (RQ)
CERCLA Status: This product contains no CERCLA listed hazardous substances.

TSCA (The Toxic Substances Control Act):

TSCA Status: All components are included or are otherwise exempt from inclusion on this inventory.

CAA 112(b) - Hazardous Air Pollutants:

CAA 112(r) - List of Substances for Accidental Release Prevention:
This product contains no chemicals subject to CAA 112(b) or CAA 112(r).

California Proposition 65::

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

OSHA Hazard Communication Standard (29 CFR 1910.1200)::

OSHA Status: Hazardous Product (See Section 2 for details).
This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012)

CANADA:

WHMIS Hazard Symbol and Classification
See Section 2 for details.

WHMIS Regulatory Status::

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

WHMIS Classification::

WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

CEPA - National Pollutant Release Inventory (NPRI)::

This product contains no chemicals subject to CEPA - NPRI.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)::

All components are included or are otherwise exempt from inclusion on this inventory.

Comments:

VOC Content -- See section 9.

Section 16: Additional Information

Creation Date: 2018-11-12
Revision Date: 2018-12-04 16:00:24

Notes from Section 16:

NFPA 30 / 30B Storage Classification: Combustible Liquid IIIB

Manufacturer Supplemental Notes: None

Data Sources: Not Available

Additional SDS Information:

N/AV Not Available

N/AP Not Applicable

ND Not yet determined

ACGIH American Conference of Governmental Industrial Hygienists CAA The Clean Air Act

CCCR The Consumer Chemicals and Containers Regulations

CEPA The Canadian Environmental Protection Act CERCLA Comprehensive Environmental Response, Compensation, and Liability Act EPCRA The Emergency Planning and Community Right-To-Know Act

IARC International Agency for Research on Cancer

MSHA Mine Safety and Health Administration

NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program

OSHA The Occupational Safety and Health Administration

SARA The Superfund Amendments and Reauthorization Act

WHMIS Workplace Hazardous Materials Information System

General Statements: No data available.

Comments: None

HMIS:

Health	3
Flammability	1
Reactivity	0
PPE	B

Chronic Health Hazard

NFPA:



Other Information:

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