



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

Product identifier used on the label:

Product Name: Epoxy Seam Sealer Self Leveling Part A

Other means of identification:

Product Codes: 63642597121

Product Description: Part A Epoxy Seam Sealer

Chemical Family: Epoxy/Époxy

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

Supplier Name: Saint-Gobain Abrasives, Inc.

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

Distributor Emergency Phone: 508-795-5000

Creation Date: 08/09/2010

Revision Date: 2018-07-18 15:31:12

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.
Product:	
GHS Class:	GHS CLASSIFICATIONS: Health: Skin Irritation, Category 2 Eye Irritation, Category 2A Skin Sensitization, Category 1 Reproductive Toxicity, Category 1B Carcinogenicity, Category 2
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 vapours. 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
Epoxy resin	25068-38-6	78 - 82%		
Benzyl butyl phthalate	85-68-7	18 - 21%		
Carbon Black	1333-86-4	0.2 - 0.4%		

Product:

Notes::	<p>Hazardous components for labelling: Epoxy resin, Benzyl butyl phthalate and Carbon Black</p> <p>Hazards Not Otherwise Classified: No data available.</p> <p>Comments: < 5 % of the mixture consists of an ingredient or ingredients of unknown acute toxicity. 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.</p> <p>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>
Comments:	<p>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.</p>

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:	<p>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.</p> <p>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.</p> <p>Ingestion: Substance may be harmful if swallowed. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.</p> <p>Inhalation: At room temperature, exposure to vapor is minimal due to low volatility.</p> <p>Additional Information: No data available.</p>
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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: 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

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

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: 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: 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 limit:	<p>Exposure Guidelines: OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): Occupational Exposure Limits: Chemical Name: Epoxy resin TWA: OSHA PEL: ppm: [1] mg/m3: [1]</p> <p>ACGIH TLV: ppm: [2] mg/m3: [2]</p> <p>NIOSH REL: ppm: [1] mg/m3: [1]</p> <p>Chemical Name: Benzyl butyl phthalate TWA: NIOSH REL: ppm: [3] mg/m3: 3 [3]</p> <p>STEL: NIOSH REL: mg/m3: 5</p> <p>Chemical Name: Carbon Black TWA: OSHA PEL: mg/m3: 3.5</p> <p>ACGIH TLV: mg/m3: 3</p> <p>NIOSH REL: mg/m3: Not yet determined</p> <p>Footnotes: 1. NL: This material does not have established exposure limits. 2. This material does not have established exposure limits. 3. Austria, Denmark, Sweden</p>
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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: Generally not required. Wear respiratory protection if ventilation is inadequate.

Hygiene 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:	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.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	Liquid Appearance: Viscous liquid
Color:	Black
Odor:	Mild
pH:	No data available.
Melting Temperature:	Not Applicable
Boiling Temperature:	No data available.
Flash Point:	> 200 deg C
Flash Point Method:	Closed Cup
Ignition Temperature:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Freezing Temperature:	No data available.
Density:	1.14±0.02 g/l at 20 deg C
Solubility In Water:	Practically insoluble
Evaporation Rate:	(n-butyl acetate = 1): No data available.
Partition Coefficient:	(n-octanol/water): 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: 1.14 ± 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.

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: 8000 to 15000 cps at 25 deg C

Odor Threshold: No data available.

Oxidizing Properties: None

Note from Section 9: Flammable Limits: No data available.

Section 10: Stability and Reactivity

Reactivity:

Reactivity: Reactive Hazard: No

Possibility of Hazardous Reactions: No data available.

Chemical Stability:

Chemical Stability: Stable.

Possibility of hazardous reactions:

Hazardous Polymerization: Not expected to occur.

Conditions To Avoid:

Conditions To Avoid: Keep away from flames and any object that sparks.

Incompatible Materials:

Incompatible Materials: Oxidizing materials.

Hazardous Decomposition Products: Carbon Monoxide and other toxic vapors.

Section 11: Toxicological Information

Toxicological Information:

Product:

Acute Toxicity:	<p>Toxicological Data: < 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).</p>
Skin Toxicity:	<p>Acute Toxicity - Dermal LD50: The calculated ATE is > 2000 mg/kg.</p> <p>Notes: Based on available data, the classification criteria for Acute Dermal Toxicity are not met for this mixture.</p>
Ingestion Toxicity:	<p>Acute Toxicity - Oral LD50: The calculated ATE is > 2000 mg/kg.</p> <p>Notes: Based on available data, the classification criteria for Acute Oral Toxicity are not met for this mixture.</p>
Inhalation Toxicity:	<p>Acute Toxicity - Inhalation LC50: No data available.</p> <p>Notes: 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.</p>
Carcinogenicity:	<p>Notes: The mixture is classified as: Carcinogenicity, category 2 based on ingredient data using the applicable cut-off/concentration limits ($\geq 0.1\%$ ingredients classified as a Carcinogen, category 2).</p>
Mutagenicity:	<p>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).</p>
Reproductive Toxicity:	<p>Contains: Benzyl butyl phthalate. May cause adverse reproductive effects. May damage fertility or the unborn child . 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 1).</p>
Irritation:	<p>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.</p> <p>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.</p>
Sensitization:	<p>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.</p> <p>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).</p>
Carbon Black:	

IARC Carcinogen:	IARC Status: 2B Carbon black is listed as Group 2B (possibly carcinogenic to humans)
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.
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.
OSHA Carcinogen:	OSHA Status: None
IARC Carcinogen:	IARC Status: None
NTP Carcinogen:	NTP Status: None

Section 12: Ecological Information

Ecotoxicity:

Product:

Ecotoxicity: Ecotoxicological Information: No data available.

Potential Environmental Effects: Environmental Data: No data available.

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

Bioaccumulative potential:

Product:

BioAccumulation: Bioaccumulation/Accumulation: No data available.

Mobility in soil:

Product:

Notes from Section 12: Distribution: No data available.

Chemical Fate Information: 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:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
DOT UN Number:	3082
DOT Hazard Class:	Primary Hazard Class/Division: 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:	Primary Hazard Class/Division: 3
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:	Primary Hazard Class/Division: 3
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:	Primary Hazard Class/Division: 3
Canada Other:	Canadian Transportation of Dangerous Goods Regulations: 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:	Primary Hazard Class/Division: 3
ICAO Other:	Technical Name: Benzyl Butyl Phthalate and Epoxy Resin
Notes from Section 14:	Vessel (IMO): Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Technical Name: Benzyl Butyl Phthalate and Epoxy Resin UN/NA Number: 3082 Primary Hazard Class/Division: 3 Packing Group: III Marine Pollutant: Yes Label: None Note: With an inner packaging < 5.0 L, this product may be shipped as a Limited Quantity.

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

Section 312 Hazard Category:

SARA Section 311/312 Hazard Categories:
 Fire Hazard: No
 Sudden Release of Pressure: No
 Reactive Hazard: No
 Product Acute Toxicity: Yes
 Product Chronic Toxicity: Yes

Section 313 Toxic Release Form:

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.

Section 302:

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.

TSCA 8(b): Inventory Status:

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

Section 112(r): Clean Air Act:

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 29 CFR 1200:

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:

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.

Notes 1:

Comments:
 VOC Content -- See section 9.

Regulatory - Ingredient Based:

Benzyl butyl phthalate:

Section 304 CERCLA RQ: CERCLA Hazardous Substances and Reportable Quantities (RQ):
RQ: 100

State: California Proposition 65:
Listed: Developmental Toxicity

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

Section 16: Additional Information

Creation Date: 08/09/2010

Revision Date: 2018-07-18 15:31:12

Author: Enviance

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

Comments from Section 16: None

HMIS:

Health	2*
Flammability	1
Reactivity	0
PPE	B

Chronic Health Hazard

NFPA:



Other Information:

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

Product identifier used on the label:

Product Name: Epoxy Seam Sealer Self Leveling Part B

Other means of identification:

Product Codes: 63642597121

Product Description: Part B Epoxy Seam Sealer

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

Supplier Name: Saint-Gobain Abrasives, Inc.

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

Distributor Emergency Phone: 508-795-5000

Creation Date: 08/09/2010

Revision Date: 2018-07-18 15:34:06

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:**

WARNING

Emergency Overview:

Immediate Concerns:

Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. Strong, offensive odor.

Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.

Hazards Not Otherwise Classified:

May be harmful if swallowed or in contact with skin.(2,4,6-Tris(dimethylaminomethyl) phenol)

Comments:

< 10 % of the mixture consists of an ingredient or ingredients of unknown acute toxicity.

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:**

Health:

Skin Irritation, Category 2

Eye Irritation, Category 2

Target Organ Toxicity (Single exposure), Category 3

GHS LABEL:

Hazardous components for labelling: Mercaptan terminated polymer and 2,4,6-Tris(dimethylaminomethyl) phenol.

Exclamation mark

Hazard Statements:

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

Precautionary Statements:

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.
P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.
P332+P313 - If skin irritation 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.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.

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	89 - 93%		
2,4,6-Tris(dimethylaminomethyl) phenol	90-72-2	8 - 10%		

Product:

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: 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: 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.

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

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

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

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions: 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

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

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:** 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:** 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 limit:** OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200):
Occupational Exposure Limits:
Chemical Name: Mercaptan terminated polymer
OSHA PEL:
TWA: [1] ppm; [1] mg/m³
- ACGIH TLV:
TWA: [2] ppm; [2] mg/m³
- NIOSH REL:
TWA: [1] ppm; [1] mg/m³
- Chemical Name: 2,4,6-Tris(dimethylaminomethyl) phenol
OSHA PEL:
TWA: [1] ppm; [1] mg/m³
- ACGIH TLV:
TWA: [2] ppm; [2] mg/m³
- NIOSH REL:
TWA: [1] ppm; [1] mg/m³

Footnotes:

1. NL: This material does not have established exposure limits.
2. This material does not have established exposure limits.

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.
- 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:	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:	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.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	Liquid Appearance: Viscous liquid
Color:	Clear
Odor:	Mercaptan odor, stench
pH:	No data available.
Melting Temperature:	Not Applicable
Boiling Temperature:	No data available.
Flash Point:	> 124 deg C
Flash Point Method:	Closed Cup
Ignition Temperature:	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 deg C
Solubility In Water:	Practically insoluble
Evaporation Rate:	(n-butyl acetate = 1): No data available.
Partition Coefficient:	(n-octanol/water): No data available.
Percent Volatile:	< 0.2% w/w
VOC Content:	: < 2.5 g/l (< 0.2% w/w)
Viscosity:	10000 to 20000 cps at 20 deg C
Odor Threshold:	No data available.
Oxidizing Properties:	None
Note from Section 9:	Flammable Limits: No data available.

Comment from Section 9:**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.

Section 10: Stability and Reactivity**Reactivity:****Reactivity:** No

Possibility of Hazardous Reactions: No data available.

Chemical Stability:**Chemical Stability:** Stable.**Possibility of hazardous reactions:****Hazardous Polymerization:** Not expected to occur.**Conditions To Avoid:****Conditions To Avoid:** Keep away from flames and any object that sparks.**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: The calculated ATE is > 2000 mg/kg.

Notes: Based on available data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. Slightly toxic. May be harmful in contact with skin.

Ingestion Toxicity:	Acute Toxicity - Oral LD50: The calculated ATE is > 2000 mg/kg. Notes: Based on available data, the classification criteria for Acute Oral Toxicity are not met for this mixture. Slightly toxic. May be harmful if swallowed.
Inhalation Toxicity:	Acute Toxicity - Inhalation LC50: Not Established Notes: The mixture is not classified due to inconclusive data. Some data exist, but the data are not sufficient for classification. An estimate based on component information. Vapors may have a strong offensive odor which may cause headaches, nausea and vomiting.
Route of Exposure:	Primary: 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:	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:	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:	Eye Irritation/Serious Eye Damage: Contains: Mercaptan terminated polymer and 2,4,6-Tris(dimethylaminomethyl) phenol. 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. Skin Irritation/Corrosion: Contains: Mercaptan terminated polymer and 2,4,6-Tris(dimethylaminomethyl) phenol. 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). Prolonged contact with this product can cause reddening, swelling, rash scaling or blistering.
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:	Toxicological Data: < 10% 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)

Section 12: Ecological Information

Ecotoxicity:**Product:**

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

Persistence and degradability:**Product:**

Environmental Fate: Environmental Data: No data available.

Bioaccumulative potential:**Product:**

BioAccumulation: Bioaccumulation/Accumulation: No data available.

Mobility in soil:**Product:**

Notes from Section 12: Ecotoxicological Information: No data available.
Distribution: No data available.
Chemical Fate Information: No data available.

Section 13: Disposal Considerations

Description of waste:

Waste Disposal: 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:	This product is not regulated.
DOT UN Number:	Not Applicable
DOT Hazard Class:	Primary Hazard Class/Division: Not Applicable
DOT Packing Group:	Not Applicable
DOT Other:	DOT (Department of Transportation): Marine Pollutant: No Other Shipping Information: No data available.
IMDG Shipping Name:	This product is not regulated.
IMDG UN Number:	Not Applicable
IMDG Hazard Class:	Primary Hazard Class/Division: Not Applicable
IMDG Packing Group:	Not Applicable

IMDG Other:	Vessel (IMDG) Marine Pollutant: No Note: No data available.
Canada Shipping Name:	This product is not regulated.
Canada UN Number:	Not Applicable
Canada Hazard Class:	Primary Hazard Class/Division: Not Applicable
Canada Other:	Canadian Transportation of Dangerous Goods Regulations: Packing Group: Not Applicable TDG Note: No data available.
Notes from Section 14:	Vessel (IMO) Shipping Name: This product is not regulated. UN/NA Number: Not Applicable Primary Hazard Class/Division: Not Applicable Packing Group: Not Applicable Marine Pollutant: No Note: No data available.

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

Section 312 Hazard Category:

SARA Section 311/312 Hazard Categories:
Fire Hazard: No
Sudden Release of Pressure: No
Reactive Hazard: No
Product Acute Toxicity: Yes
Product Chronic Toxicity: No

Section 313 Toxic Release Form:

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

Section 302:

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

Section 304 CERCLA RQ:

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

TSCA 8(b): Inventory Status:

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

Section 112(r): Clean Air Act:

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

State:

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 29 CFR 1200:

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:

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.

Canada DSL:

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

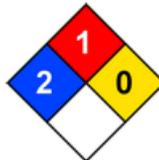
Creation Date: 08/09/2010
Revision Date: 2018-07-18 15:34:06
Author: Enviance
Notes from Section 16: NFPA 30/30B Storage Classification: Combustible Liquid IIIB
Comments from Section 16: None

HMIS:

Health	2
Flammability	1
Reactivity	0
PPE	B

Chronic Health Hazard

NFPA:



Other Information:

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