

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

Product identifier used on the label:

Product Name: Urethane Windshield Sealer

Other means of identification:

Product Codes: 07660782735

Recommended use of the chemical and restrictions on use:

Product Uses: Reducer.

Product Restrictions: For Professional and Industrial Use Only.
Not recommended for: Not for sale to the general public.

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

Distributor Emergency Phone: 508-795-5000

Creation Date: 2018-11-09

Revision Date: 2018-12-04 15:23:59

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

Product:

GHS Class: Classification of the substance or mixture:
 GHS Ratings:
 Flammable liquid: 2 - Flash point < 23 deg C and initial boiling point > 35 deg C (95 deg F)
 Eye corrosive: 2A - Eye irritant: Subcategory 2A, Reversible in 21 days
 Organ toxin single exposure: 3 - Transient target organ effects- Narcotic effects- Respiratory tract irritation

Hazards not otherwise classified (HNOC) or not covered by GHS: None known

Hazard Statements:
 H225 - Highly flammable liquid and vapor
 H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness

Precautionary Statements:
 P101 - If medical advice is needed, have product container or label at hand
 P102 - Keep out of reach of children
 P103 - Read label before use
 P210 - Keep away from heat, sparks, open flames and hot surfaces - No smoking
 P233 - Keep container tightly closed
 P240 - Ground and bond container and receiving equipment
 P241 - Use explosion-proof electrical, ventilating, lighting and motorized equipment
 P242 - Use only non-sparking tools
 P243 - Take precautionary measures against static discharge
 P261 - Avoid breathing dust, mist, vapors and spray
 P264 - Wash contacted skin thoroughly after handling
 P271 - Use only outdoors or in a well-ventilated area
 P280 - Wear protective gloves, protective clothing, eye protection, face protection and respiratory protection.
 P312 - Call a POISON CENTER or doctor if you feel unwell
 P303+P361+P353 - IF ON SKIN (or hair): Immediately take off all contaminated clothing. Wash skin with soap and water.
 P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338 - IF IN EYES: Rinse continuously 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.
 P370+P378 - In case of fire: Use dry chemical, CO2, foam or water fog to extinguish
 P405 - Store locked up
 P403+P235 - Store in a well ventilated place. Keep cool
 P501 - Dispose of contents and container in accordance with local, regional, national and international 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
Chlorobenzotrifluoride	98-56-6	70 to 80%		
Acetone	67-64-1	10 to 20%		

Section 4: First Aid Measures

Description of necessary measures:

Eye Contact:	Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for a minimum of 15 minutes while holding eye lids open. If eye irritation persists: seek medical attention.
Skin Contact:	Take off all contaminated clothing immediately. Wash exposed area thoroughly with soap and water. Seek medical attention if irritation persists. Do NOT use solvents or thinners to wash off.
Inhalation:	If Inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing difficulty persists, seek medical attention.
Ingestion:	If swallowed, seek medical attention immediately and have product container or label at hand. DO NOT INDUCE VOMITING unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed:

Indication of immediate medical attention and special treatment needed

Notes from Section 4:	Most important symptoms and effects, both acute and delayed: Dizziness, breathing difficulty, headaches, & loss of coordination.
	Indication of any immediate medical attention and special treatment needed.: Seek professional medical attention for all over-exposures and/or persistent problems.

Section 5: Firefighting Measures

Suitable and unsuitable extinguishing media

Extinguishing Media:	Dry Chemical, Foam, CO2 or water fog.
Unsuitable Media:	High volume water jets

Specific hazards arising from the chemical

Hazardous Combustion Products:	Oxides of carbon, oxides of nitrogen, formaldehyde, toxic fume
Unusual Fire Hazards:	Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat or burst when contaminated with water (CO2 gas evolved). Hazards apply to empty containers. Combustion generates toxic fumes.

Special protective equipment and precautions for fire-fighters

Fire Fighting Instructions:	Special Firefighting Procedures: Highly toxic fumes may be generated by thermal decomposition. Water runoff from firefighting can cause environmental damage. Dike and collect water used to fight fire.
NFPA Health:	1
NFPA Fire:	3
NFPA Reactivity:	0

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personnel Precautions: Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Avoid breathing vapors and mist. Ensure adequate ventilation. Eliminate all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulation to form explosive concentrations. Vapors can accumulate in low areas.
For personal protection see section 8.

Methods and materials for containment and cleaning up

Spill Cleanup Measures: Methods and materials for containment and cleaning up:
Dike spill area and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth. Sweep up and dispose of in appropriate containers in accordance to Federal, State and/or Local regulations. Clean preferably with a detergent; avoid use of solvents.

Environmental precautions

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Safe Handling Measures: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Ground and bond container and receiving equipment. Use non-sparking tools and explosion proof equipment when handling this material. Keep away from sources of ignition - No Smoking. Use in cool, well-ventilated areas. Keep containers closed when not in use. Take measures to prevent the build up of electrostatic charge. Follow all SDS and label precautions even after container is emptied because they may retain product residues. For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Storage: Storage Requirements: Keep container tightly closed. Keep away from heat, sparks, open flames and hot surfaces-No Smoking. Store in a cool, dry and well-ventilated place. Do not reuse container when empty.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure limit: Chemical Name/CAS No.: Chlorobenzotrifluoride 98-56-6
OSHA Exposure Limits: Not Established
ACGIH Exposure Limits: Not Established

Chemical Name/CAS No.: Acetone 67-64-1
OSHA Exposure Limits: 1000 ppm TWA; 2400 mg/m³ TWA

ACGIH Exposure Limits:
750 ppm STEL
500 ppm TWA

Other Exposure Limits: NIOSH: 250 ppm TWA; 590 mg/m³ TWA

Appropriate engineering controls

Engineering Controls: Ground and bond container and receiving equipment. Use explosion proof electrical, ventilation, lighting and motorized equipment. Use non-sparking tools. Ensure adequate ventilation.

Ventilation: General mechanical ventilation or local exhaust should be utilized to keep vapor concentrations below exposure limits (PEL & TLV). Ventilation equipment must be explosion proof.

Individual protection measures

Eye Protection:	Use safety glasses with chemical splash goggles or faceshield.
Face Protection:	Use safety glasses with chemical splash goggles or faceshield.
Skin Protection:	Use chemical resistant gloves.
Respiratory Protection:	When working with this material use a MSHA/NIOSH approved cartridge respirator or suitable respiratory protection to keep airborne mists and vapor concentrations below the PEL & TLV limits. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.
Other Protective:	Body Protection: Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
PPE Routine Handling:	Contaminated Gear: Take off contaminated clothing immediately and wash before reuse.
Notes from Section 8:	Safe Work Practices: Eye washes and safety showers in the workplace are recommended. Avoid contact with skin and eyes. Avoid breathing vapors. Wash hands thoroughly after using and before eating, drinking or smoking. Employee education and training in the safe use and handling of this product is required under the OSHA Hazard Communication Standard 29CFR1200. Smoking in area where this material is used should be strictly prohibited. Always use protective clothing and equipment. Remove all contaminated clothing and wash thoroughly when finished working. Keep food and drink away from material and from area where material is being used. Spraying of material can cause an oxygen deficient environment. Use proper ventilation to remove vapors, mist and fumes combined with NIOSH approved respirator.

Section 9: Physical and Chemical Properties

Physical and chemical properties

Physical State:	Liquid Appearance: Clear
Odor:	Organic Solvent
pH:	No data available
Melting Temperature:	No data available
Boiling Temperature:	56 deg C
Flash Point:	-4 deg F, -20 deg C
Ignition Temperature:	465 deg C
Lower Flammable Limit:	0.9 %
Upper Flammable Limit:	12.8 %
Decomposition Temperature:	No data available
Vapor Pressure:	58.1 mmHg
Vapor Density:	4.9
Freezing Temperature:	No data available
Density:	9.79 Lb/Gal
Solubility:	No data available
Specific Gravity:	1.173
Evaporation Rate:	No data available
Partition Coefficient:	(n-octanol/water): No data available
Percent Volatile:	Weight Percent Volatile: 100.00

VOC Content: Regulatory Coating VOC: 0 g/L
Regulatory Coating VOC: 0.00 lb/gal

Actual Coating VOC: 0 g/L
Actual Coating VOC: 0.00 lb/Gal

% Weight VOC: 0.00 %
% Wt Exempt VOC: 100.00
% Vol Exempt VOC: 100.00

Viscosity: No data available

Odor Threshold: No data available

Explosive Properties: Explosive Limits: 1% - 13%

Note from Section 9: Flammability: No data available

Weight Water: 0.0

This mixture typically exhibits the above properties under normal circumstances:

Section 10: Stability and Reactivity

Reactivity:

Reactivity: No data available

Possibility of hazardous reactions: Vapors may form explosive mixture with air.
Hazardous polymerization will not occur.

Chemical Stability:

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions:

Conditions To Avoid:

Conditions To Avoid: Heat, flame and sparks. Extreme temperature and direct sunlight.

Incompatible Materials:

Incompatible Materials: None.

Hazardous Decomposition Products: Hazardous products produced under decomposition:
Carbon dioxide and carbon monoxide, chlorine compounds, fluoride compounds, various hydrocarbons.

Section 11: Toxicological Information

Toxicological Information:

Product:

Acute Toxicity: This mixture has not been tested for toxicological effects.

Skin Toxicity: Mixture Toxicity:
Dermal Toxicity: 3,265 mg/kg

Inhalation Toxicity: Mixture Toxicity:
Inhalation Toxicity: 35 mg/L

Chronic Toxicity:	May affect liver, kidney and central nervous system with repeated exposure . Prolonged or repeated exposure may cause lung injury.
	Effects of Overexposure: Long Term Exposure: Repeated skin exposure can cause dryness and skin cracking. This chemical has not been adequately evaluated to determine whether brain or nerve damage could occur with repeated exposure. However, many solvents and other petroleum-based chemicals have been shown to cause such damage. Effects may include reduced memory and concentration, personality changes (withdrawal, irritability), and fatigue, sleep disturbances, reduced coordination, and/or effects on the nerves to the arms and legs (weakness, "pins and needles"). There is evidence that this chemical is a mutagen.
Acute Health Effects:	Effects of Overexposure: Short Term Exposure: Contact can irritate the skin. Exposure can irritate the eyes and respiratory tract. Exposure to high concentrations can cause dizziness, lightheadedness, and unconsciousness. Causes local irritation to skin, eyes and mucous membranes. May cause irritation by any route of exposure. The LD50 rat is 13 gm/kg (13,000 mg/kg) (insignificantly toxic).
Route of Exposure:	Inhalation, Skin Contact, Eye Contact, Ingestion
Target Organ Data:	Eyes, Kidneys, Liver, Central Nervous System, Skin, Respiratory System
Acute Inhalation Effects:	Acute Effects: Dizziness, breathing difficulty, headaches, & loss of coordination.
Acute Skin Effects:	Acute Effects: Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis.
Acute Ingestion Effects:	Acute Effects: Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.
Acute Eye Effects:	Acute Effects: Moderate irritation, tearing, redness, and blurred vision.
Carcinogenicity:	The following chemicals comprise of at least 0.1% of this mixture and are listed and/or classified as carcinogens or potential carcinogens by the NTP, IARC, OSHA (mandatory listing) or ACGIH (optional listing). CAS Number: None Carcinogen Rating: No Data Available

Chlorobenzotrifluoride:

Skin Toxicity:	Dermal: 3 g/kg (Rabbit)
Ingestion Toxicity:	Oral: 13 g/kg (Rat)
Inhalation Toxicity:	Inhalation: 33 mg/L (Rat)

Section 12: Ecological Information**Chlorobenzotrifluoride:**

Ecotoxicity:	48 Hr EC50 Daphnia magna: 3.68 mg/L
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Acetone:

Ecotoxicity:	96 Hr LC50 Oncorhynchus mykiss: 4.74 - 6.33 mL/L; 96 Hr LC50 Pimephales promelas: 6210 - 8120 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 8300 mg/L 48 Hr EC50 Daphnia magna: 10294 - 17704 mg/L [Static]; 48 Hr EC50 Daphnia magna: 12600 - 12700 mg/L
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Persistence and degradability:**Product:**

Biodegradation: Persistence and degradability: No data available

Bioaccumulative potential:

Product:

BioAccumulation: Bioaccumulative potential: No data available

Mobility in soil:

Product:

Mobility In Environmental Media: Mobility in soil: No data available

Notes from Section 12: This material has not been tested for ecological effects.

Other adverse effects: Contains photochemically reactive solvent.

Section 13: Disposal Considerations

Description of waste:

Waste Disposal: Product should be disposed of in accordance with all Federal, State and local regulations. Contact a licensed professional waste disposal service to dispose of this material. Subject to hazardous waste generation, treatment, storage and disposal rules under RCRA, 40CFR261.

Section 14: Transport Information

Transportation: The following transportation information is provided based on Transtar Autobody Technologies interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport.

DOT: USDOT:

DOT Shipping Name: PAINT RELATED MATERIAL

DOT UN Number: UN1263

DOT Hazard Class: 3

DOT Packing Group: II

IMDG Shipping Name: PAINT RELATED MATERIAL

IMDG UN Number: UN1263

IMDG Hazard Class: 3

IMDG Packing Group: II

IATA Shipping Name: PAINT RELATED MATERIAL

IATA UN Number: UN1263

IATA Hazard Class: 3

IATA Packing Group: II

Notes from Section 14: For inner packagings not exceeding 5L each packaged in a strong outer box: Limited Quantity

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product:

Regulatory - Product Based:

Regulatory Paragraph:

The information listed in this section is not all inclusive of all regulations for this product or the chemical components of this product.

State:

California Hazardous Substance List: None

California Proposition 65:

WARNING: This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm.

None

California Proposition 65:

WARNING: This product contains the following chemical(s) known to the State of California to cause cancer.

None

Section 112(r): Clean Air Act:

HAPS: This formulation contains the following HAPS: None

European Community Chemical Inventory Status:

EU REACH SIN: The chemicals listed below are on the EU REACH SIN list - None

Section 312 Hazard Category:

SARA 312: This Product contains the following chemicals subject to the reporting requirements of SARA 312: None

Section 313 Toxic Release Form:

SARA 313: This Product contains the following chemicals subject to the reporting requirements of SARA 313: None

TSCA 8(b): Inventory Status:

TSCA: The following are not listed under TSCA: None

SARA:

SARA: The following are reportable under SARA

Regulatory - Ingredient Based:**Acetone:****State:**

NJ RTK: The following chemicals are listed under New Jersey RTK
67-64-1 Acetone 10 to 20 %

PA RTK: The following chemicals are listed under Pennsylvania RTK:
67-64-1 Acetone 10 to 20 %

Canada WHMIS:

WHMIS:
67-64-1 Acetone 10 to 20 %
See Manufacturer MSDS of Pictograms.

Section 16: Additional Information

Creation Date: 2018-11-09

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HMIS:

Health	1
Flammability	3
Reactivity	0
PPE	G

Chronic Health Hazard

NFPA:



Other Information:

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