

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

### Product identifier used on the label:

**Product Name:** Molding Tape Adhesion Promoter

### Other means of identification:

**Product Codes:** 63642505623

**Chemical Family:** Mixture

### Recommended use of the chemical and restrictions on use:

**Product Uses:** Adhesion promoter.

**Product Restrictions:** For Professional use only.

### 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.Carbo.com](http://www.Carbo.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.Carbo.com](http://www.Carbo.com)

**Distributor Phone:** 519-684-7441

### Emergency phone number:

**Emergency Phone:** 508-795-5000

**Creation Date:** 2018-11-12

**Revision Date:** 2018-12-04 15:47:14

**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):



<b>Signal Words:</b>	Danger
<b>Product:</b>	
<b>GHS Class:</b>	Hazard Classification: Flammable Liquid 2. Eye Irritant 2. STOT SE 3. Reproductive 2. STOT RE 2.
<b>Hazard Statements:</b>	<p>H225 - Highly flammable liquid and vapour.</p> <p>H319 - Causes serious eye irritation.</p> <p>H336 - May cause drowsiness or dizziness.</p> <p>H361 - This product contains ingredients that are suspected of damaging fertility or the unborn child.</p> <p>H373 - May cause damage to the liver and kidneys through prolonged or repeated contact.</p>
<b>Precautionary Statements:</b>	<p>P202 - Do not handle until all safety precautions have been read and understood.</p> <p>P243 - Take precautionary measures against static discharge.</p> <p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 - Wash thoroughly after handling.</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P284 - Wear respiratory protection.</p> <p>P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - Ground/bond container and receiving equipment.</p> <p>P241 - Use explosion proof equipment.</p> <p>P242 - Use only non-sparking tools.</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
ACETONE	67-64-1	WT. %:60-100		
TOLUENE	108-88-3	WT. %:1-5		
ACRYLIC POLYMER	PROPRIETARY	WT. %:1-5		
ISOPROPYL ALCOHOL	67-63-0	WT. %:0.1-1.0		

### Section 4: First Aid Measures

#### Description of necessary measures:

<b>Eye Contact:</b>	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention.
<b>Skin Contact:</b>	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
<b>Ingestion:</b>	If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. Do not induce vomiting.

#### Most important symptoms/effects, acute and delayed:

#### Indication of immediate medical attention and special treatment needed

<b>Notes from Section 4:</b>	Additional information: Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.
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## Section 5: Firefighting Measures

### Suitable and unsuitable extinguishing media

**Extinguishing Media:** "Alcohol" foam, CO<sub>2</sub>, dry chemical.

### Specific hazards arising from the chemical

**Hazardous Combustion Products:** Oxides of carbon (CO, CO<sub>2</sub>). Toxic vapours may be evolved upon exposure to heat or open flame.

**Unusual Fire Hazards:** Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source.

### Special protective equipment and precautions for fire-fighters

**Fire Fighting Instructions:** Special fire fighting procedures: Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

**NFPA Health:** 2

**NFPA Fire:** 3

**NFPA Reactivity:** 0

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Leak Response:** Leak/spill: Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).

### Methods and materials for containment and cleaning up

#### Environmental precautions

## Section 7: Handling and Storage

### Precautions for safe handling

**Handling:** Handling procedures: Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.

### Conditions for safe storage, including any incompatibilities

**Storage:** Storage needs: Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

## Section 8: Exposure Controls/Personal Protection

### Exposure Guidelines

#### Exposure Guidelines - Ingredient Based:

##### ACETONE:

ACGIH - TLV - TWA:	500 ppm
ACGIH - TLV - STEL:	750 ppm
USA - OSHA - PEL:	1,000 ppm
USA - OSHA - PEL - STEL:	Not established
USA - NIOSH - REL:	250 ppm

##### TOLUENE:

ACGIH - TLV - TWA:	20 ppm
ACGIH - TLV - STEL:	Not established
USA - OSHA - PEL:	200 ppm
USA - OSHA - PEL - STEL:	500 ppm 10 minutes
USA - NIOSH - REL:	100 ppm / STEL 150 ppm

##### ACRYLIC POLYMER:

ACGIH - TLV - STEL:	No data
ACGIH - TLV - TWA:	No data
USA - OSHA - PEL:	No data
USA - OSHA - PEL - STEL:	No data
USA - OSHA - PEL:	400 ppm
USA - OSHA - PEL - STEL:	500 ppm
USA - NIOSH - REL:	No data

##### ISOPROPYL ALCOHOL:

ACGIH - TLV - TWA:	200 ppm
ACGIH - TLV - STEL:	400 ppm
USA - NIOSH - REL:	400 ppm

### Appropriate engineering controls

<b>Ventilation:</b>	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.
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### Individual protection measures

<b>Eye Protection:</b>	Liquid chemical goggles.
<b>Hand Protection:</b>	Gloves/ type:Chemical resistant gloves.
<b>Protective Clothing:</b>	Wear adequate protective clothes.

<b>Respiratory Protection:</b>	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
<b>Other Protective:</b>	Footwear/type: Safety boots per local regulations.
	Other/type: Emergency showers and eye wash stations should be available.

## Section 9: Physical and Chemical Properties

### Physical and chemical properties

<b>Physical State:</b>	Liquid
<b>Odor:</b>	Sweet mint-like odour.
<b>pH:</b>	No data.
<b>Boiling Temperature:</b>	(deg C):136°C (276°F).
<b>Flash Point:</b>	(deg C):-15
<b>Flash Point Method:</b>	Tag Closed Cup.
<b>Ignition Temperature:</b>	(deg C):No data.
<b>Lower Flammable Limit:</b>	(% vol):2.6
<b>Upper Flammable Limit:</b>	(% vol):12.8.
<b>Vapor Pressure:</b>	(mm Hg):184 mm Hg @ 20C.
<b>Vapor Density:</b>	(air=1):2.0.
<b>Freezing Temperature:</b>	(deg C):No data.
<b>Solubility:</b>	Soluble.
<b>Specific Gravity:</b>	0.8.
<b>Evaporation Rate:</b>	11.6. (butyl acetate = 1).
<b>Percent Volatile:</b>	% Volatile by volume: No data.
<b>VOC Content:</b>	2.0 lb/gal, .
<b>Odor Threshold:</b>	(ppm):No data.
<b>Octanol Water Partition Coef:</b>	No data.

## Section 10: Stability and Reactivity

### Reactivity:

<b>Reactivity:</b>	Reactivity conditions: Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
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### Chemical Stability:

<b>Chemical Stability:</b>	Stable at normal temperatures and pressures.
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### Possibility of hazardous reactions:

<b>Hazardous Polymerization:</b>	Will not occur under normal temperature and pressure.
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### Conditions To Avoid:

#### Incompatible Materials:

<b>Incompatible Materials:</b>	Keep away from heat. Incompatible with strong oxidizers.
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<b>Hazardous Decomposition Products:</b>	Oxides of carbon (CO, CO <sub>2</sub> ).
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## Section 11: Toxicological Information

### Toxicological Information:

#### Product:

**Acute Toxicity:** Effects of acute exposure: Inhalation of higher concentration may result in central nervous system depression and unconsciousness. Mild skin irritant. Causes serious eye irritation.

**Chronic Toxicity:** Effects of chronic exposure: Prolonged overexposure may cause central nervous system depression with narcotic effects (headaches, dizziness, unconsciousness). Prolonged or repeated skin contact may cause drying or cracking of skin.

**Route of Exposure:** Eye contact. Skin contact. Inhalation. Ingestion.

**Carcinogenicity:** The components of this product are not listed by IARC, NTP or regulated as a carcinogen by OSHA.

**Reproductive Toxicity:** Acetone has been shown to cause reproductive effects in rats by ingestion and inhalation. Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects.

#### ISOPROPYL ALCOHOL:

**Acute Toxicity:** LC50 :16,000 ppm 8 hours rat  
LD50:5,000 mg/kg rat oral  
12,800 mg/kg rabbit  
dermal

#### ACETONE:

**Acute Toxicity:** LC50 :50,100 mg/m3 8 hours rat inhalation  
LD50:5,800 mg/kg rat oral

#### TOLUENE:

**Acute Toxicity:** LC50 :8000 ppm rat inhalation  
LD50:5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal

#### ACRYLIC POLYMER:

**Acute Toxicity:** LC50 :No data  
LD50:No data

## Section 12: Ecological Information

### Ecotoxicity:

#### Product:

**Environmental Stability:** Environmental: Do not allow to enter waters, waste water or soil.

### Persistence and degradability:

#### Product:

**Biodegradation:** Biodegradability: No data.

## Section 13: Disposal Considerations

**Description of waste:****Waste Disposal:**

Empty containers must be handled with care due to product residue. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.

## Section 14: Transport Information

**Transportation:**

Proof of Classification: In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct.

**DOT:**

(Road): UN1133 - Adhesives, containing a flammable liquid - Class 3 - PG II - Ltd Qty (1 Liter/0.26 Gallons).

**IMDG:**

Classification (Marine): UN1133 - Adhesives - Class 3 - PG II - Limited Quantity (1L).  
Marine Pollutant: Potential marine pollutant.

**IATA:**

(Air): UN1133 - Adhesives - Class 3 - PG II.

**Canada TDG:**

Classification: UN1133 - Adhesives containing flammable liquid - Class 3 - PG II - This product meets the criteria for Limited Quantity Exemptions when packaged in containers equal to or less than 5 litres.

## Section 15: Regulatory Information

**Safety, health and environmental regulations specific for the product:****Regulatory - Product Based:****Regulatory information:**

WHMIS classification: B2. D2A. D2B.

CEPA status: On Domestic Substances List (DSL).

Section 313: Toluene. Isopropyl alcohol.

OSHA: This product is considered hazardous under the OSHA Hazard Communication Standard.

SARA Title III Section 302 - extremely hazardous: None.

substances Section 311/312 - hazard categories: Immediate health, delayed health, fire hazard.

EPA hazardous air pollutants (HAPS): Toluene.

40CFR63

TSCA inventory status: All components are listed.

California Proposition 65: This product contains Toluene known to the State of California to cause (developmental) reproductive toxicity.

## Section 16: Additional Information

**Creation Date:**

2018-11-12

**Revision Date:**

2018-12-04 15:47:14

**Author:**

Prepared by: REGULATORY AFFAIRS.

**Author Phone:**

(800) 387-7981.

**HMIS:**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>3</b>
<b>Reactivity</b>	<b>0</b>
<b>PPE</b>	

Chronic Health Hazard

**NFPA:**

**Other Information:**

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