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

Product identifier used on the label:

Product Name: Automotive Panel Waterborne Cleaner

Other means of identification:

Product Codes: 07660721937

Recommended use of the chemical and restrictions on use:

Product Uses: For Professional and Industrial Use Only
Product Restrictions: 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
Creation Date: 2018-11-09
Revision Date: 2018-12-04 14:38:54
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

Product:

GHS Class: Classification of the substance or mixture
GHS Ratings:
- Organ toxin single exposure 3
- Transient target organ effects
- Narcotic effects
- Respiratory tract irritation

Hazard Statements: 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.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 - Use only outdoors or in a well-ventilated area.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P405 - Store locked up.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
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

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Ingredient Percent</th>
<th>EC Number</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>1 to 5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>1 to 5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alcohols, C6-C10, ethoxylated propoxylated</td>
<td>68987-81-5</td>
<td>0.1 to 1.0%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Product:

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

The following % of the mixture consists of ingredient(s) of unknown acute toxicity:
0%

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 persist: seek medical attention.

Skin Contact: Wash exposed area thoroughly with soap and water. Seek medical attention if irritation persists. Do NOT use solvents or thinners to wash off. Wash contaminated clothing before reuse.

Inhalation: 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. Drink 1 to 2 glasses of water to dilute. 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:
Irritation to digestive tract, irritation to respiratory tract, irritation to skin and eyes, breathing difficulty, headaches, coughing.

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: Unsuitable Extinguishing Media: High volume water jets

Specific hazards arising from the chemical
Hazardous Combustion Products: oxides of carbon, oxides of nitrogen, peroxides, styrene, acrylic monomers & toxic fume.
Unusual Fire Hazards: Closed containers may explode when exposed to extreme heat. May form

Special protective equipment and precautions for fire-fighters
Fire Fighting Instructions: Special Firefighting Procedures: Keep people away. Use water spray to cool fire exposed containers. Fight fire from protected location or safe distance. 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.
Fire Fighting Equipment: Full fire fighter equipment including SCBA should be worn to avoid skin contact and inhalation of concentrated vapors. Minimize skin exposure.

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. Stop spill at source. Dike and contain. For personal protection see section 8.

Methods and materials for containment and cleaning up
Methods for Containment: 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.
Methods for Cleanup:
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.

Large spill:
Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Eliminate all sources of ignition, provide adequate ventilation, dike spill area and add absorbment material to spilled liquid. Sweep up and dispose of in a DOT approved container. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. The container must be labeled and disposed in accordance with State, Federal, or local waste regulations by a licensed waste contractor/hauler. For large spills or transportation accidents involving release of this product, contact the National Response Center: 800-424-8802.

Environmental precautions

Environmental Precautions:
Prevent further leakage or spillage if safe to do so. Prevent product from entering into drains, soil, ditches, low areas, sewers and waterways.

Section 7: Handling and Storage

Precautions for safe handling

Handling:
Safe Handling Measures: Avoid contact with skin, eyes and clothing. Avoid inhalation of vapor or mist. Wash thoroughly after handling. Use in cool, well-ventilated areas. Keep containers closed when not in use. 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. Store in a cool, dry and well-ventilated place. Do not reuse container when empty. Store away from incompatible materials. PROTECT THE PRODUCT FROM TEMPERATURES BELOW 5 deg C (41 deg F):
The product may be stored for 1 year if kept in a tightly closed container between 5 degC (41 deg F) and 30 deg C (86 deg F)

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure Guidelines - Ingredient Based:

Isopropyl Alcohol:

Exposure Limits:
OSHA Exposure Limits:
400 ppm TWA; 980 mg/m3 TWA

ACGIH Exposure Limits:
400 ppm STEL
200 ppm TWA

Other Exposure Limits:
NIOSH: 400 ppm TWA; 980 mg/m3 TWA
500 ppm STEL; 1225 mg/m3 STEL
**Acetone:**

**Exposure Limits:**
- 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:**
Use exhaust if general ventilation is not sufficient to keep the airborne contaminant levels low. Eye wash/shower stations should be in work area.

**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

**Hand Protection:**
Use chemical resistant gloves.

**Protective Clothing:**
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.

**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.

**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. Use proper ventilation to remove vapors, mist and fumes combined with NIOSH approved respirator.

Contaminated Gear: Remove all contaminated clothing and wash thoroughly when finished working and before reuse. Keep food and drink away from materials and from area where material is being used or stored.

---

**Section 9: Physical and Chemical Properties**

**Physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
</tr>
<tr>
<td></td>
<td>Appearance: White</td>
</tr>
<tr>
<td>Odor:</td>
<td>Organic Solvent</td>
</tr>
<tr>
<td>pH:</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Temperature:</td>
<td>56°C</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>212 F, 100 C</td>
</tr>
</tbody>
</table>
### Ignition Temperature:
399°C

### Lower Flammable Limit:
2.0 %

### Upper Flammable Limit:
12.8 %

### Decomposition Temperature:
No data available

### Vapor Pressure:
4.3 mmHg

### Vapor Density:
2.0

### Freezing Temperature:
No data available

### Density:
(Lb / Gal) 8.26

### Solubility:
No data available

### Specific Gravity:
0.989

### Evaporation Rate:
No data available

### Partition Coefficient:
(n-octanol/water): No data available

### Percent Volatile:
Weight Percent Volatile : 99.00

### VOC Content:
- Regulatory Coating VOC g/L: 600
- Actual Coating VOC g/L: 25
- Actual Coating VOC lb/gal: 0.21
- % Weight VOC: 2.50
- % Wt Exempt VOC: 1.50
- % Vol Exempt VOC: 1.87

### Viscosity:
No data available

### Odor Threshold:
No data available

### Note from Section 9:
This mixture typically exhibits the following properties under normal circumstances:
Explosive Limits: 2% - 13%
% Weight Water: 95.0

---

### Section 10: Stability and Reactivity

#### Reactivity:
No data available
Possibility of hazardous reactions: Vapors may form explosive mixture with air.
Hazardous Polymerization will not occur

#### Chemical Stability:
Stable under recommended storage conditions.

#### Possibility of hazardous reactions:

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

#### Incompatible Materials:
- Strong acids, bases, oxidizers.

#### Hazardous Decomposition Products:
None

---

### Section 11: Toxicological Information

### Toxicological Information:
**Product:**

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

**Inhalation Toxicity:** Inhalation Toxicity: 1,185mg/L

**Chronic Toxicity:** May affect liver, kidney and central nervous system with repeated exposure. Prolonged or repeated exposure may cause lung injury.

**Acute Health Effects:** Contact can irritate the skin. Exposure can irritate the eyes and respiratory tract. Exposure to high concentrations can cause dizziness, lightheadedness, and unconsciousness.

**Route of Exposure:** Inhalation, Skin Contact, Eye Contact, Ingestion

**Acute Inhalation Effects:** Irritation to respirator tract, coughing, breathing difficulty & headaches.

**Acute Skin Effects:** Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis.

**Acute Ingestion Effects:** Can cause gastrointestinal irritation, vomiting & nausea.

**Acute Eye Effects:** Moderate irritation, tearing, redness, and blurred vision.

**Carcinogenicity:** Carcinogen Rating: No Data Available

**Notes from Section 11:** 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

---

**Isopropyl Alcohol:**

**Skin Toxicity:** Dermal: 4,059 mg/kg (Rabbit)

**Ingestion Toxicity:** Oral: 1,870 mg/kg (Rat)

**Alcohols, C6-C10, ethoxylated propoxylated:**

**Skin Toxicity:** Dermal: 2,000 mg/kg (Rabbit)

**Ingestion Toxicity:** Oral: 2,380 mg/kg (Rat)

**Inhalation Toxicity:** Inhalation: 50 mg/L (Rat)

---

**Section 12: Ecological Information**

**Ecotoxicity:**

**Product:**

**Ecotoxicity:** This material has not been tested for ecological effects.

**Isopropyl Alcohol:**

**Effect of Material On Aquatic:**

- 96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L
- 48 Hr EC50 Daphnia magna: 13299 mg/L
- 96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L

**Acetone:**

**Effect of Material On Aquatic:**

- 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

**Persistence and degradability:**

---
**Product:**

**Biodegradation:** Persistence and degradability: No data available

**Bioaccumulative potential:**

**Mobility in soil:**

**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.

**Transport Information**

**Transportation:** Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport.

**DOT Shipping Name:** Non-Regulated

**IMDG Shipping Name:** Non-Regulated

**IATA Shipping Name:** Non-Regulated

**Regulatory Information**

**Safety, health and environmental regulations specific for the product:**

**Regulatory - Product Based:**

**Notes 1:**

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

**California Hazardous Substance List:** None

**HAPS:** This formulation contains the following HAPS:

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

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

**SARA 312:**
This product contains the following chemicals subject to the reporting requirements of SARA 313:
None

**TSCA:**
The following are not listed under TSCA:
None

**Regulatory - Ingredient Based:**

**Isopropyl Alcohol:**

**NJ RTK:** The following chemicals are listed under New Jersey RTK
67-63-0 Isopropyl Alcohol 1 to 5 %

**PA RTK:** The following chemicals are listed under Pennsylvania RTK:
67-63-0 Isopropyl Alcohol 1 to 5 %

**WHMIS:**
67-63-0 Isopropyl Alcohol 1 to 5 %

**SARA:** The following are reportable under SARA
67-63-0 Isopropyl Alcohol 1.0 - 5%

**Acetone:**

**NJ RTK:** The following chemicals are listed under New Jersey RTK
67-64-1 Acetone 1 to 5 %

**PA RTK:** The following chemicals are listed under Pennsylvania RTK:
67-64-1 Acetone 1 to 5 %

**WHMIS:**
67-64-1 Acetone 1 to 5 %

**Alcohols, C6-C10, ethoxylated propoxylated:**

**SARA:** The following are reportable under SARA
68987-81-5 Alcohols, C6-C10, ethoxylated propoxylated 0.1 - 1.0%

**Section 16: Additional Information**

<table>
<thead>
<tr>
<th>Creation Date:</th>
<th>2018-11-09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date:</td>
<td>2018-12-04 14:38:54</td>
</tr>
</tbody>
</table>
**Notes from Section 16:**

HMIS Ratings involve data and interpretations that can vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

**HMIS & NFPA Hazard Rating**

**Legend**

- * = Chronic Health Hazard
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

**HMIS:**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>PPE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chronic Health Hazard

**NFPA:**

![NFPA rating diagram]

**Other Information:**

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