



Revision Number: 005.0

Issue date: 12/23/2025

**1. IDENTIFICATION**

**Product name:** BONDERITE M-NT 5200 MU AERO  
**CONVERSION COATING known as**  
**ALODINE 5200 MAKEUP**  
**Product type/** Conversion coating  
**Recommended use:**  
**Restriction of Use:** None identified  
**Company address:** Henkel Canada Corporation  
 Meadowpine Boulevard 2515  
 Mississauga, Ontario L5N 6C3

**IDH number:** 594142

**Region:** Canada

**Contact information:**  
 Telephone: +1 (905) 814-6511  
**MEDICAL EMERGENCY** Phone: Poison Control Center  
 1-877-671-4608 (toll free) or 1-303-592-1711  
**TRANSPORT EMERGENCY** Phone: CHEMTREC  
 1-800-424-9300 (toll free) or 1-703-527-3887  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

| HAZARD CLASS       | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN CORROSION     | 1               |
| SERIOUS EYE DAMAGE | 1               |

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** P264 - Wash affected area thoroughly after handling.  
 P280 - Wear protective gloves, clothing, eye and face protection.

**Response:** P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.  
 P304+P340+P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P363 - Wash contaminated clothing before reuse.

**Storage:** P405 - Store locked up.

**Disposal:** P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

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**Other hazards** Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s)                    | CAS Number | Weight %* |
|---|------------|-----------|
| Substituted polyhydroxy aromatic compound | Unknown    | 1 - 5     |
| 1-Propoxy-2-propanol                      | 1569-01-3  | 1 - 5     |

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

|  |   |
|--|---|
| <b>Inhalation:</b>   | If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.  |
| <b>Skin contact:</b>   | Rinse with large amounts of running water. For large burns (greater than 25 square inches), continually massage 2.5% calcium gluconate gel into the burn area until the pain is relieved.   |
| <b>Eye contact:</b>  | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.  |
| <b>Ingestion:</b>  | DO NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.  |
| <b>Most important symptoms and effects (acute and delayed):</b>                  | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.  |
| <b>Indication of any immediate medical attention / special treatment needed:</b> | Treatment of hypocalcemia associated with corrosive fluoride compounds exposure may be corrected by intravenous calcium gluconate or calcium chloride. Treatment of hypomagnesemia may be corrected by intravenous magnesium sulfate. Ocular exposure to corrosive fluoride compounds has been treated with isotonic sodium chloride or magnesium chloride. Dermal exposure to corrosive fluoride compounds has been treated with calcium gluconate or calcium carbonate gel applied topically to the affected areas to relieve pain at the site of exposure. |

### 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Extinguishing media:</b>               | Use media appropriate for surrounding material.                         |
| <b>Improper extinguishing agents:</b>     | Not available.  |
| <b>Special firefighting procedures:</b>   | Wear full protective clothing. Wear self-contained breathing apparatus. |
| <b>Unusual fire or explosion hazards:</b> | Formation of toxic gases is possible during heating or in fires.        |

**Hazardous combustion products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up.

**Clean-up methods:** Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

## 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. For industrial use only. Do not take internally.

**Storage:** For safe storage, store between 40 °F (4.4 °C) and 100 °F (37.8 °C) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Protect from freezing, freezing temperature is <=32F (<=0C).

For information on product shelf life contact Canada Customer Service.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|------------------------|-----------|----------|-----------|-------|
| None                   | None      | None     | None      | None  |

**Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:** Safety goggles or safety glasses with side shields.

**Skin protection:** Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Orange  
**Odor:** Mild  
**Odor threshold:** Not available.  
**pH:** 1.3  
**Vapor pressure:** 18 mm hg (20 °C (68°F)) Values referring to water  
**Boiling point/range:** > 100 °C (> 212°F) Aqueous solution  
**Melting point/ range:** Not applicable, Product is a liquid  
**Density/Relative density:** 1.01 - 1.03  
**Relative vapor density:** < 1 20 °C  
**Flash point:** 93.4 °C (200.12 °F) Tagliabue closed cup  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not applicable  
**Flammability:** The product is not flammable.

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**Evaporation rate:** Not available.  
**Solubility:** Complete Water  
**Partition coefficient n-octanol/water (logarithmic value):** Not available.  
**VOC content:** 1.7 %  
**Dynamic viscosity:** Not available.  
**Kinematic viscosity:** 1 - 10 mm<sup>2</sup>/s  
**Particle characteristics:** Not applicable, Product is a liquid  
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions.  
**Hazardous reactions:** Will not occur.  
**Hazardous decomposition products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. May liberate hydrogen fluoride.  
**Incompatible materials:** Not available.  
**Reactivity:** This product may react with strong alkalis. This material will react with glass, concrete, certain metals, silica containing materials, rubber, leather, and many organics.  
**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

**Inhalation:** Mists, vapors or liquid may cause severe irritation or burns. May cause respiratory tract irritation.  
**Skin contact:** Liquid or vapor can cause fluoride-type irritation or burns which may not be immediately painful or visible. Mists, vapors or liquid may cause severe irritation or burns. Causes skin burns.  
**Eye contact:** This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness. Causes serious eye damage.  
**Ingestion:** Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

| Hazardous Component(s)                    | LD50s and LC50s  |
|---|--|
| Substituted polyhydroxy aromatic compound | None   |
| 1-Propoxy-2-propanol                      | Oral LD50 (Rat) = 2.8 g/kg<br>Dermal LD50 (Rabbit) = 3.55 g/kg |

| Hazardous Component(s)                    | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects                   |
|---|--------------------------|------------------------|--|
| Substituted polyhydroxy aromatic compound |                          |                        |  |
| 1-Propoxy-2-propanol                      | Irritant                 |                        | Central nervous system<br>Eyes<br>Kidney |

| Hazardous Component(s)                    | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Substituted polyhydroxy aromatic compound | No             | No              | No                                       |
| 1-Propoxy-2-propanol                      | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

### Canada Transportation of Dangerous Goods - Ground

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### International Air Transportation (ICAO/IATA)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### Water Transportation (IMO/IMDG)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

## 15. REGULATORY INFORMATION

### Canada Regulatory Information

**CEPA DSL/NDL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

## 16. OTHER INFORMATION

**This safety data sheet contains changes from the previous version in sections:** Not available.

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 12/23/2025

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