



# SAFETY DATA SHEET

## 1. Identification

Product identifier TOP BOND MIST

Other means of identification

Recommended use SCREEN PRINTING ADHESIVE

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name CHEMICAL CONSULTANTS INC

Address 1850 WILD TURKEY CIRCLE  
CORONA, CA 92880  
United States

Telephone General Assistance 1-951-735-5511

E-mail ncollins@ccidom.com

Emergency phone number Emergency - US 1-800-535-5053

Supplier Not available.

## 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

Health hazards Serious eye damage/eye irritation Category 2A

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1

### Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statement

Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear eye protection/face protection.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. Collect spillage.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 2

Hazardous to the aquatic environment, long-term hazard Category 2

Other hazards None known.

Supplemental information None.

Product name: TOP BOND MIST

Version #: 02 Revision date: 04-22-2019 Issue date: 04-19-2019

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### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                            | Common name and synonyms | CAS number | %       |
|--|--------------------------|------------|---------|
| Acetone                                  |                          | 67-64-1    | 15 - 40 |
| Butane                                   |                          | 106-97-8   | 10 - 30 |
| Naphtha, (Petroleum), Hydrotreated Light |                          | 64742-49-0 | 10 - 30 |
| Propane                                  |                          | 74-98-6    | 10 - 30 |
| Dimethyl Ether                           |                          | 115-10-6   | 5 - 10  |
| n-Heptane                                |                          | 142-82-5   | 5 - 10  |
| Methyl Acetate                           |                          | 79-20-9    | 3 - 7   |
| Other components below reportable levels |                          |            | 15 - 40 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

|  |   |
|--|---|
| Inhalation   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.   |
| Skin contact   | Wash off with soap and water. Get medical attention if irritation develops and persists.  |
| Eye contact  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.                          |
| Ingestion  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.   |
| Most important symptoms/effects, acute and delayed                     | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |
| General information  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.  |

### 5. Fire-fighting measures

|   |  |
|---|--|
| Suitable extinguishing media                                  | Alcohol resistant foam. Powder. Carbon dioxide (CO <sub>2</sub> ).   |
| Unsuitable extinguishing media                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| Specific hazards arising from the chemical                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.  |
| Special protective equipment and precautions for firefighters | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
| Fire fighting equipment/instructions                          | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| Specific methods  | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.          |
| General fire hazards  | Extremely flammable aerosol.   |

### 6. Accidental release measures

|   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|---|--|

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Environmental precautions

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components                   | Type | Value    |
|------------------------------|------|----------|
| Acetone (CAS 67-64-1)        | STEL | 500 ppm  |
|                              | TWA  | 250 ppm  |
| Butane (CAS 106-97-8)        | STEL | 1000 ppm |
|                              | STEL | 250 ppm  |
| Methyl Acetate (CAS 79-20-9) | TWA  | 200 ppm  |
|                              | STEL | 500 ppm  |
| n-Heptane (CAS 142-82-5)     | TWA  | 400 ppm  |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components                   | Type | Value      |
|------------------------------|------|------------|
| Acetone (CAS 67-64-1)        | STEL | 1800 mg/m3 |
|                              |      | 750 ppm    |
|                              | TWA  | 1200 mg/m3 |
| Butane (CAS 106-97-8)        |      | 500 ppm    |
|                              | TWA  | 1000 ppm   |
|                              | STEL | 757 mg/m3  |
| Methyl Acetate (CAS 79-20-9) |      | 250 ppm    |
|                              | TWA  | 606 mg/m3  |
|                              |      | 200 ppm    |
| n-Heptane (CAS 142-82-5)     | STEL | 2050 mg/m3 |
|                              |      | 500 ppm    |
|                              | TWA  | 1640 mg/m3 |
| Propane (CAS 74-98-6)        |      | 400 ppm    |
|                              | TWA  | 1000 ppm   |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components                    | Type | Value    |
|-------------------------------|------|----------|
| Acetone (CAS 67-64-1)         | STEL | 500 ppm  |
|                               | TWA  | 250 ppm  |
| Butane (CAS 106-97-8)         | STEL | 750 ppm  |
|                               | TWA  | 600 ppm  |
| Dimethyl Ether (CAS 115-10-6) | TWA  | 1000 ppm |
| Methyl Acetate (CAS 79-20-9)  | STEL | 250 ppm  |
|                               | TWA  | 200 ppm  |
| n-Heptane (CAS 142-82-5)      | STEL | 500 ppm  |
|                               | TWA  | 400 ppm  |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components                   | Type | Value    |
|------------------------------|------|----------|
| Acetone (CAS 67-64-1)        | STEL | 500 ppm  |
|                              | TWA  | 250 ppm  |
| Butane (CAS 106-97-8)        | STEL | 1000 ppm |
| Methyl Acetate (CAS 79-20-9) | STEL | 250 ppm  |
|                              | TWA  | 200 ppm  |
| n-Heptane (CAS 142-82-5)     | STEL | 500 ppm  |
|                              | TWA  | 400 ppm  |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components                   | Type | Value   |
|------------------------------|------|---------|
| Acetone (CAS 67-64-1)        | STEL | 750 ppm |
|                              | TWA  | 500 ppm |
| Butane (CAS 106-97-8)        | TWA  | 800 ppm |
| Methyl Acetate (CAS 79-20-9) | STEL | 250 ppm |
|                              | TWA  | 200 ppm |

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

| Components                   | Type | Value                           |
|------------------------------|------|---------------------------------|
| Acetone (CAS 67-64-1)        | STEL | 2380 mg/m3<br>1000 ppm          |
|                              | TWA  | 1190 mg/m3<br>500 ppm           |
| Butane (CAS 106-97-8)        | TWA  | 1900 mg/m3<br>800 ppm           |
| Methyl Acetate (CAS 79-20-9) | STEL | 757 mg/m3                       |
|                              | TWA  | 250 ppm<br>606 mg/m3<br>200 ppm |
| n-Heptane (CAS 142-82-5)     | STEL | 2050 mg/m3<br>500 ppm           |
|                              | TWA  | 1640 mg/m3<br>400 ppm           |
| Propane (CAS 74-98-6)        | TWA  | 1800 mg/m3<br>1000 ppm          |

Biological limit values

ACGIH Biological Exposure Indices

| Components            | Value   | Determinant | Specimen | Sampling Time |
|-----------------------|---------|-------------|----------|---------------|
| Acetone (CAS 67-64-1) | 25 mg/l | Acetone     | Urine    | *             |

\* - For sampling details, please see the source document.

|   |  |
|---|--|
| Appropriate engineering controls                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. |
| Individual protection measures, such as personal protective equipment |  |
| Eye/face protection   | Wear safety glasses with side shields (or goggles).  |
| Skin protection   |  |
| Hand protection   | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.  |
| Other   | Wear suitable protective clothing.   |
| Respiratory protection  | If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.  |
| Thermal hazards   | Wear appropriate thermal protective clothing, when necessary.  |
| General hygiene considerations  | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.   |

## 9. Physical and chemical properties

### Appearance

|  |  |
|--|--|
| Physical state                               | Gas.                                       |
| Form   | Aerosol.                                   |
| Color  | Not available.                             |
| Odor   | Not available.                             |
| Odor threshold                               | Not available.                             |
| pH   | Not available.                             |
| Melting point/freezing point                 | Not available.                             |
| Initial boiling point and boiling range      | 164.92 °F (73.85 °C) estimated             |
| Flash point                                  | -156.0 °F (-104.4 °C) PROPELLANT estimated |
| Evaporation rate                             | Not available.                             |
| Flammability (solid, gas)                    | Not available.                             |
| Upper/lower flammability or explosive limits |  |
| Flammability limit - lower (%)               | 2 % estimated                              |
| Flammability limit - upper (%)               | 10.6 % estimated                           |
| Explosive limit - lower (%)                  | Not available.                             |
| Explosive limit - upper (%)                  | Not available.                             |
| Vapor pressure                               | 30 - 50 psig @70F estimated                |
| Vapor density                                | Not available.                             |
| Relative density                             | Not available.                             |
| Solubility(ies)                              |  |
| Solubility (water)                           | Not available.                             |
| Partition coefficient (n-octanol/water)      | Not available.                             |
| Auto-ignition temperature                    | Not available.                             |
| Decomposition temperature                    | Not available.                             |
| Viscosity                                    | Not available.                             |
| Other information                            |  |
| Explosive properties                         | Not explosive.                             |
| Heat of combustion (NFPA 30B)                | 28.24 kJ/g estimated                       |

|   |                |
|---|----------------|
| Oxidizing properties                          | Not oxidizing. |
| Specific gravity                              | 0.83 estimated |
| VOC (Weight %)                                | 52.4           |
| Ventura County Air Pollution Control District | ROC 516 g/l    |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Material is stable under normal conditions.   |
| Possibility of hazardous reactions | Hazardous polymerization does not occur.  |
| Conditions to avoid                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| Incompatible materials             | Strong oxidizing agents. Nitrates. Fluorine. Chlorine.  |
| Hazardous decomposition products   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|              |  |
|--------------|--|
| Inhalation   | May cause drowsiness and dizziness. Headache. Nausea, vomiting.  |
| Skin contact | No adverse effects due to skin contact are expected.   |
| Eye contact  | Causes serious eye irritation.   |
| Ingestion    | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |

|  |   |
|--|---|
| Symptoms related to the physical, chemical and toxicological characteristics | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
|--|---|

### Information on toxicological effects

|                |   |
|----------------|---|
| Acute toxicity | May be fatal if swallowed and enters airways. Narcotic effects. |
|----------------|---|

| Components                    | Species    | Test Results   |
|-------------------------------|------------|--|
| Acetone (CAS 67-64-1)         |            |  |
| <u>Acute</u>                  |            |  |
| Dermal                        |            |  |
| LD50                          | Guinea pig | > 7426 mg/kg, 24 Hours<br>> 9.4 ml/kg, 24 Hours      |
|                               | Rabbit     | > 7426 mg/kg, 24 Hours<br>> 9.4 ml/kg, 24 Hours      |
| Inhalation                    |            |  |
| LC50                          | Rat        | 55700 ppm, 3 Hours<br>132 mg/l, 3 Hours<br>50.1 mg/l |
| Oral                          |            |  |
| LD50                          | Rat        | 5800 mg/kg<br>2.2 ml/kg                              |
| Butane (CAS 106-97-8)         |            |  |
| <u>Acute</u>                  |            |  |
| Inhalation                    |            |  |
| LC50                          | Mouse      | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes          |
|                               | Rat        | 1355 mg/l  |
| Dimethyl Ether (CAS 115-10-6) |            |  |
| <u>Acute</u>                  |            |  |
| Inhalation                    |            |  |
| NOEL                          | Rat        | 2 ppm, 6 Hours                                       |

| Components  | Species            | Test Results   |
|---|--------------------|--|
| Methyl Acetate (CAS 79-20-9)                              |                    |  |
| <u>Acute</u>  |                    |  |
| Dermal  |                    |  |
| LD50  | Rat                | > 2000 mg/kg, 24 Hours   |
| Inhalation  |                    |  |
| LC100   | Rabbit             | 98.4 mg/l, 4 Hours   |
| Oral  |                    |  |
| LD50  | Rat                | 6482 mg/kg   |
| Naphtha, (Petroleum), Hydrotreated Light (CAS 64742-49-0) |                    |  |
| <u>Acute</u>  |                    |  |
| Dermal  |                    |  |
| LD50  | Guinea pig; Rabbit | > 9.4 ml/kg, 24 Hours  |
|   | Rabbit             | > 1900 mg/kg, 24 Hours   |
| Inhalation  |                    |  |
| LC50  | Rat                | > 5000 mg/m3, 4 Hours<br>> 4980 mg/m3<br>> 4980 mg/m3, 4 Hours<br>> 4.96 mg/l, 4 Hours<br>13700 ppm, 4 Hours |
| Oral  |                    |  |
| LD50  | Rat                | 4820 mg/kg   |
| n-Heptane (CAS 142-82-5)                                  |                    |  |
| <u>Acute</u>  |                    |  |
| Dermal  |                    |  |
| LD50  | Rabbit             | > 2000 mg/kg, 24 Hours   |
| Inhalation  |                    |  |
| LC50  | Rat                | > 29.29 mg/l, 4 Hours  |
| Oral  |                    |  |
| LD50  | Rat                | > 5000 mg/kg   |
| Propane (CAS 74-98-6)                                     |                    |  |
| <u>Acute</u>  |                    |  |
| Inhalation  |                    |  |
| LC50  | Mouse              | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes  |
|   | Rat                | 1355 mg/l<br>658 mg/l/4h   |

\* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Risk of cancer cannot be excluded with prolonged exposure.

ACGIH Carcinogens

Acetone (CAS 67-64-1)

A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

ACETONE (CAS 67-64-1)

Not classifiable as a human carcinogen.

|  |  |
|--|--|
| Reproductive toxicity                              | This product is not expected to cause reproductive or developmental effects. |
| Specific target organ toxicity - single exposure   | May cause drowsiness and dizziness.  |
| Specific target organ toxicity - repeated exposure | Not classified.  |
| Aspiration hazard                                  | May be fatal if swallowed and enters airways.                                |
| Chronic effects                                    | Prolonged exposure may cause chronic effects.                                |

## 12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

| Components                    |      | Species   | Test Results                   |
|-------------------------------|------|---|--------------------------------|
| Acetone (CAS 67-64-1)         |      |   |                                |
| Aquatic                       |      |   |                                |
| Crustacea                     | EC50 | Water flea ( <i>Daphnia magna</i> )                           | 21.6 - 23.9 mg/l, 48 hours     |
| Fish                          | LC50 | Rainbow trout, donaldson trout ( <i>Oncorhynchus mykiss</i> ) | 4740 - 6330 mg/l, 96 hours     |
| Dimethyl Ether (CAS 115-10-6) |      |   |                                |
| Aquatic                       |      |   |                                |
| Crustacea                     | EC50 | Water flea ( <i>Daphnia pulex</i> )                           | 4.3 - 7.8 mg/l, 48 hours       |
| Fish                          | LC50 | Striped bass ( <i>Morone saxatilis</i> )                      | 10.302 - 16.743 mg/l, 96 hours |
| Methyl Acetate (CAS 79-20-9)  |      |   |                                |
| Aquatic                       |      |   |                                |
| Algae                         | IC50 | Algae   | 120.0001 mg/L, 72 Hours        |
| Crustacea                     | EC50 | Daphnia   | 1026.7 mg/L, 48 Hours          |
| Fish                          | LC50 | Fathead minnow ( <i>Pimephales promelas</i> )                 | 295 - 348 mg/l, 96 hours       |
| n-Heptane (CAS 142-82-5)      |      |   |                                |
| Aquatic                       |      |   |                                |
| Fish                          | LC50 | Mozambique tilapia ( <i>Tilapia mossambica</i> )              | 375 mg/l, 96 hours             |

\* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

|   |       |
|---|-------|
| Partition coefficient n-octanol / water (log Kow) |       |
| Acetone   | -0.24 |
| Butane  | 2.89  |
| Dimethyl Ether                                    | 0.1   |
| Methyl Acetate                                    | 0.18  |
| n-Heptane   | 4.66  |
| Propane   | 2.36  |

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.



Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## 14. Transport information

### TDG

|                              |   |
|------------------------------|---|
| UN number                    | UN1950  |
| UN proper shipping name      | AEROSOLS, flammable   |
| Transport hazard class(es)   |   |
| Class                        | 2.1   |
| Subsidiary risk              | -   |
| Packing group                | Not applicable.   |
| Environmental hazards        | Yes   |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

This product meets the exemption requirements and may be shipped as a limited quantity.

### IATA

|                              |   |
|------------------------------|---|
| UN number                    | UN1950  |
| UN proper shipping name      | Aerosols, flammable   |
| Transport hazard class(es)   |   |
| Class                        | 2.1   |
| Subsidiary risk              | -   |
| Label(s)                     | 2.1   |
| Packing group                | Not applicable.   |
| Environmental hazards        | Yes   |
| ERG Code                     | 10L   |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |

#### Other information

|                              |                            |
|------------------------------|----------------------------|
| Passenger and cargo aircraft | Allowed with restrictions. |
| Cargo aircraft only          | Allowed with restrictions. |

### IMDG

|                              |   |
|------------------------------|---|
| UN number                    | UN1950  |
| UN proper shipping name      | AEROSOLS  |
| Transport hazard class(es)   |   |
| Class                        | 2.1   |
| Subsidiary risk              | -   |
| Label(s)                     | None  |
| Packing group                | Not applicable.   |
| Environmental hazards        |   |
| Marine pollutant             | Yes   |
| EmS                          | F-D, S-U  |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |

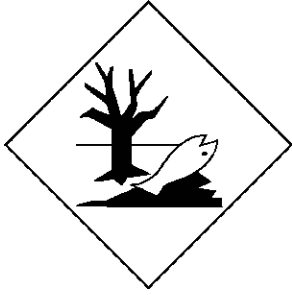
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

IATA; IMDG; TDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

### Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Acetone (CAS 67-64-1)

Class B

### International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

### International Inventories

Country(s) or region

Inventory name

On inventory (yes/no)\*

Australia

Australian Inventory of Chemical Substances (AICS)

No

Canada

Domestic Substances List (DSL)

Yes

Canada

Non-Domestic Substances List (NDSL)

No

China

Inventory of Existing Chemical Substances in China (IECSC)

No

Europe

European Inventory of Existing Commercial Chemical Substances (EINECS)

No

Europe

European List of Notified Chemical Substances (ELINCS)

No

Japan

Inventory of Existing and New Chemical Substances (ENCS)

No

Korea

Existing Chemicals List (ECL)

No

New Zealand

New Zealand Inventory

No

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

No

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other Information

Issue date

04-19-2019

Revision date

04-22-2019

Version #

02

Product name: TOP BOND MIST

Version #: 02 Revision date: 04-22-2019 Issue date: 04-19-2019

Disclaimer

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Revision information

Physical & Chemical Properties: Multiple Properties