



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Upside Down Marking Spray Paint - Alert Orange - 1 lb 1 oz

**Other means of identification**

**Product Code** No. 18204 (Item# 1005224)

**Recommended use** Coating

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufactured or sold by:**

**Company name** CRC Industries, Inc.

**Address** 885 Louis Dr.  
Warminster, PA 18974 US

**Telephone**

**General Information** 215-674-4300

**Technical Assistance** 800-521-3168

**Customer Service** 800-272-4620

**24-Hour Emergency  
(CHEMTREC)** 800-424-9300 (US)

**Website** [www.crcindustries.com](http://www.crcindustries.com)

## 2. Hazard(s) identification

|                              |                                                        |                                         |
|------------------------------|--------------------------------------------------------|-----------------------------------------|
| <b>Physical hazards</b>      | Flammable aerosols                                     | Category 1                              |
|                              | Gases under pressure                                   | Liquefied gas                           |
| <b>Health hazards</b>        | Carcinogenicity                                        | Category 2                              |
|                              | Specific target organ toxicity, single exposure        | Category 3 respiratory tract irritation |
|                              | Specific target organ toxicity, repeated exposure      | Category 2                              |
|                              | Aspiration hazard                                      | Category 1                              |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 2                              |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 2                              |
| <b>OSHA defined hazards</b>  | Not classified.                                        |                                         |

**Label elements**



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

## Precautionary statement

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prevention</b>                                | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Do not breathe mist/vapors. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear protective gloves/eye protection/face protection. |
| <b>Response</b>                                  | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. If exposed or concerned: Get medical advice/attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>                                   | 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. Exposure to high temperature may cause can to burst.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Supplemental information</b>                  | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                               | Common name and synonyms | CAS number | %       |
|---------------------------------------------|--------------------------|------------|---------|
| water                                       |                          | 7732-18-5  | 20 - 30 |
| propane                                     |                          | 74-98-6    | 15 - 25 |
| solvent naphtha (petroleum), light aliph.   |                          | 64742-89-8 | 15 - 25 |
| calcium carbonate                           |                          | 1317-65-3  | 15 - 20 |
| n-butane                                    |                          | 106-97-8   | 10 - 15 |
| distillates (petroleum), hydrotreated light |                          | 64742-47-8 | 1 - 5   |
| titanium dioxide                            |                          | 13463-67-7 | ≤ 1     |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | 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.                                                                                                                                       |
| <b>Skin contact</b>                                                           | Wash off with soap and water. Take off contaminated clothing and wash before reuse. Get medical attention if irritation develops and persists.                                                                                                                                          |
| <b>Eye contact</b>                                                            | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                                                                                                                                                                                                  |
| <b>Ingestion</b>                                                              | Call a physician or poison control center immediately. Clean mouth with water and drink afterwards plenty of water. Aspiration may cause pulmonary edema and pneumonitis. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation. Prolonged exposure may cause chronic effects.                                                                               |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                                                                                                                                  |
| <b>General information</b>                                                    | IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.                                                                                                                 |

## 5. Fire-fighting measures

|                                                   |                                                                                                                                                 |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>               | Carbon dioxide (CO2). Dry chemical powder. Water spray.                                                                                         |
| <b>Unsuitable extinguishing media</b>             | Do not use water jet as an extinguisher, as this will spread the fire.                                                                          |
| <b>Specific hazards arising from the chemical</b> | Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed. |

|                                                                      |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.                                                                                                                                                                             |
| <b>Fire-fighting equipment/instructions</b>                          | In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes. |
| <b>General fire hazards</b>                                          | Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.                                                                                                                                                                                                                       |

## 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Emergency personnel need self-contained breathing equipment. 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. |
| <b>Methods and materials for containment and cleaning up</b>               | Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.                                                                                                                                                           |
| <b>Environmental precautions</b>                                           | 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. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                                                                                                                                                    |

## 7. Handling and storage

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b>                                | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist/vapors. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. Observe good industrial hygiene practices. For product usage instructions, see the product label. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Level 3 Aerosol.<br><br>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 in tightly closed container. Store in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                                                 | Type | Value      | Form                 |
|------------------------------------------------------------|------|------------|----------------------|
| calcium carbonate (CAS 1317-65-3)                          | PEL  | 5 mg/m3    | Respirable fraction. |
|                                                            |      | 15 mg/m3   | Total dust.          |
| propane (CAS 74-98-6)                                      | PEL  | 1800 mg/m3 |                      |
|                                                            |      | 1000 ppm   |                      |
| solvent naphtha (petroleum), light aliph. (CAS 64742-89-8) | PEL  | 400 mg/m3  |                      |

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                        | Type | Value               | Form        |
|-----------------------------------|------|---------------------|-------------|
| titanium dioxide (CAS 13463-67-7) | PEL  | 100 ppm<br>15 mg/m3 | Total dust. |

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

| Components                        | Type | Value    | Form                 |
|-----------------------------------|------|----------|----------------------|
| titanium dioxide (CAS 13463-67-7) | TWA  | 5 mg/m3  | Respirable fraction. |
|                                   |      | 15 mg/m3 | Total dust.          |
|                                   |      | 50 mppcf | Total dust.          |
|                                   |      | 15 mppcf | Respirable fraction. |

**US. ACGIH Threshold Limit Values**

| Components                        | Type | Value    |
|-----------------------------------|------|----------|
| n-butane (CAS 106-97-8)           | STEL | 1000 ppm |
| titanium dioxide (CAS 13463-67-7) | TWA  | 10 mg/m3 |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components                                                   | Type | Value      | Form        |
|--------------------------------------------------------------|------|------------|-------------|
| calcium carbonate (CAS 1317-65-3)                            | TWA  | 5 mg/m3    | Respirable. |
|                                                              |      | 10 mg/m3   | Total       |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | TWA  | 100 mg/m3  |             |
| n-butane (CAS 106-97-8)                                      | TWA  | 1900 mg/m3 |             |
|                                                              |      | 800 ppm    |             |
| propane (CAS 74-98-6)                                        | TWA  | 1800 mg/m3 |             |
|                                                              |      | 1000 ppm   |             |
| solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)   | TWA  | 400 mg/m3  |             |
|                                                              |      | 100 ppm    |             |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**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.

**Individual protection measures, such as personal protective equipment**
**Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection**
**Hand protection**

Wear protective gloves such as: Silver Shield®. Nitrile.

**Other**

Wear appropriate chemical resistant clothing.

**Respiratory protection**

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using, do not eat, drink or 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.

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## 9. Physical and chemical properties

### Appearance

|                |          |
|----------------|----------|
| Physical state | Liquid.  |
| Form           | Aerosol. |
| Color          | Orange.  |

**Odor** Aromatic.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** 95 °F (35 °C) estimated

**Flash point** -2.2 °F (-19.0 °C)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** 1.7 %

**Flammability limit - upper (%)** 10.9 %

**Vapor pressure** 3964.5 hPa estimated

**Vapor density** Not available.

**Relative density** 0.77 - 0.85

### Solubility(ies)

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 410 °F (210 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Percent volatile** 94.3 % estimated

### Other information

**VOC-State Aerosol Coatings (MIR)** 0.5

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## 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** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Heat, flames and sparks. Contact with incompatible materials. Avoid freezing.

**Incompatible materials** Acids. Strong oxidizing agents.

**Hazardous decomposition products** No hazardous decomposition products are known.

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## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

**Skin contact** Prolonged skin contact may cause temporary irritation.

**Eye contact** Direct contact with eyes may cause temporary irritation.

**Ingestion** May be fatal if swallowed and enters airways. 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. Dizziness. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation.

**Information on toxicological effects**

**Acute toxicity** May be fatal if swallowed and enters airways.

| Product                                                    | Species | Test Results          |
|------------------------------------------------------------|---------|-----------------------|
| Upside Down Marking Spray Paint - Alert Orange - 1 lb 1 oz |         |                       |
| <b>Acute</b>                                               |         |                       |
| <b>Dermal</b>                                              |         |                       |
| LD50                                                       | Rabbit  | 25990.9 mg/kg         |
| <b>Inhalation</b>                                          |         |                       |
| LC50                                                       | Rat     | 6351.35 mg/l, 4 hours |
| <b>Oral</b>                                                |         |                       |
| LD50                                                       | Rat     | 90459.1 mg/kg         |

| Components                                                   | Species | Test Results      |
|--------------------------------------------------------------|---------|-------------------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) |         |                   |
| <b>Acute</b>                                                 |         |                   |
| <b>Dermal</b>                                                |         |                   |
| LD50                                                         | Rabbit  | > 2000 mg/kg      |
| <b>Inhalation</b>                                            |         |                   |
| LC50                                                         | Rat     | > 5 mg/l, 4 hours |
| <b>Oral</b>                                                  |         |                   |
| LD50                                                         | Rat     | > 5000 mg/kg      |

n-butane (CAS 106-97-8)

**Acute**

**Inhalation**

|      |     |                   |
|------|-----|-------------------|
| LC50 | Rat | 658 mg/l, 4 Hours |
|------|-----|-------------------|

titanium dioxide (CAS 13463-67-7)

**Acute**

**Dermal**

|      |        |               |
|------|--------|---------------|
| LD50 | Rabbit | > 10000 mg/kg |
|------|--------|---------------|

**Oral**

|      |     |               |
|------|-----|---------------|
| LD50 | Rat | > 10000 mg/kg |
|------|-----|---------------|

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

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**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** Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** May cause respiratory irritation.

|                                                           |                                                                                                                                                       |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specific target organ toxicity - repeated exposure</b> | May cause damage to organs through prolonged or repeated exposure.                                                                                    |
| <b>Aspiration hazard</b>                                  | May be fatal if swallowed and enters airways.                                                                                                         |
| <b>Chronic effects</b>                                    | Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects. |

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Product                                                    | Species      | Test Results              |
|------------------------------------------------------------|--------------|---------------------------|
| Upside Down Marking Spray Paint - Alert Orange - 1 lb 1 oz |              |                           |
| <b>Aquatic</b>                                             |              |                           |
| <i>Acute</i>                                               |              |                           |
| Crustacea                                                  | EC50 Daphnia | 9545.4541 mg/l, 48 hours  |
| Fish                                                       | LC50 Fish    | 15568.5059 mg/l, 96 hours |

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

**Bioaccumulative potential** No data available.

|                                                          |      |
|----------------------------------------------------------|------|
| <b>Partition coefficient n-octanol / water (log Kow)</b> |      |
| n-butane                                                 | 2.89 |
| propane                                                  | 2.36 |
| <b>Bioconcentration factor (BCF)</b>                     |      |
| titanium dioxide                                         | 352  |

**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** If discarded, this product is considered a RCRA ignitable waste, D001. Empty container can be recycled. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. 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 regulations.

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 F

**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.

## 14. Transport information

### DOT

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1950                                                                  |
| <b>UN proper shipping name</b>      | Aerosols, flammable, Limited Quantity                                   |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 2.1                                                                     |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Label(s)</b>                     | 2.1                                                                     |
| <b>Packing group</b>                | Not applicable.                                                         |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | N82                                                                     |
| <b>Packaging exceptions</b>         | 306                                                                     |
| <b>Packaging non bulk</b>           | 304                                                                     |
| <b>Packaging bulk</b>               | None                                                                    |

### IATA

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| <b>UN number</b>                  | UN1950                                |
| <b>UN proper shipping name</b>    | Aerosols, flammable, Limited Quantity |
| <b>Transport hazard class(es)</b> |                                       |
| <b>Class</b>                      | 2.1                                   |
| <b>Subsidiary risk</b>            | -                                     |
| <b>Packing group</b>              | Not applicable.                       |
| <b>ERG Code</b>                   | 10L                                   |

**Special precautions for user** 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, Limited Quantity

**Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** -

**Packing group** Not applicable.

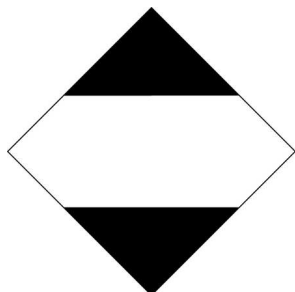
**Environmental hazards**

**Marine pollutant** Yes, but exempt from the regulations.

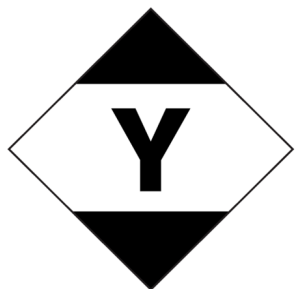
**EmS** F-D, S-U

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**DOT; IMDG**



**IATA**



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## 15. Regulatory information

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**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**CERCLA Hazardous Substances: Reportable quantity**

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.

**Food and Drug Administration (FDA)** Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)  
Gas under pressure  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)  
Aspiration hazard

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**  
Not regulated.

**US state regulations**

**US. New Jersey Worker and Community Right-to-Know Act**

calcium carbonate (CAS 1317-65-3)  
n-butane (CAS 106-97-8)  
propane (CAS 74-98-6)  
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)  
titanium dioxide (CAS 13463-67-7)

**US. Massachusetts RTK - Substance List**

calcium carbonate (CAS 1317-65-3)  
n-butane (CAS 106-97-8)  
propane (CAS 74-98-6)  
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)  
titanium dioxide (CAS 13463-67-7)

**US. Pennsylvania Worker and Community Right-to-Know Law**

calcium carbonate (CAS 1317-65-3)  
distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
n-butane (CAS 106-97-8)  
propane (CAS 74-98-6)  
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)  
titanium dioxide (CAS 13463-67-7)

**US. Rhode Island RTK**

calcium carbonate (CAS 1317-65-3)  
distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
n-butane (CAS 106-97-8)  
propane (CAS 74-98-6)  
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)  
titanium dioxide (CAS 13463-67-7)

**California Proposition 65**



**WARNING:** This product can expose you to chemicals including ethylbenzene, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

ethylbenzene (CAS 100-41-4) Listed: June 11, 2004  
titanium dioxide (CAS 13463-67-7) Listed: September 2, 2011

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
n-butane (CAS 106-97-8)  
solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)  
titanium dioxide (CAS 13463-67-7)

## Volatile organic compounds (VOC) regulations

### EPA

**Aerosol coatings (40 CFR 59, Subpt. E)** Compliant

### State

**Aerosol coatings** This product is regulated as a Ground Traffic and Marking Coating. This product is compliant for sale in all 50 states.

**Maximum incremental reactivity (MIR)** 0.5

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | Yes                    |
| 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).

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## 16. Other information, including date of preparation or last revision

**Issue date** 02-17-2021

**Prepared by** Danica Fulmer

**Version #** 01

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**Revision information** This document has undergone significant changes and should be reviewed in its entirety.