

Version 4

1. IDENTIFICATION

Product identifier Product Name Green Brown (Aerosol)

Other means of identification Product Code RAL-8000

SKU(s)

None

Recommended use of the chemical and restrictions on useRecommended UseNo information available.Uses advised againstNo information available

Details of the supplier of the safety data sheet Manufacturer Address

Orbit Paint and Powder 4106 N. FM 2528 Lubbock, TX 79416

Emergency Telephone

Domestic 1-800-373-7542 Inter: 1-484-951-2432

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| Serious eye damage/eye irritation | Category 2 |
|--|-------------|
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable aerosols | Category 1 |

Emergency Overview

Danger

Hazard statements Causes serious eye irritation May cause genetic defects May cause cancer May cause drowsiness or dizziness Extremely flammable aerosol



Appearance No information available

Physical state Aerosol

Odor No information available

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Precautionary Statements - Storage

Store locked up Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

- May be harmful if swallowed
- Causes mild skin irritation
- Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|-----------------------------|------------|----------|--------------|
| Acetone | 67-64-1 | 15 - 40 | * |
| Propane | 74-98-6 | 10 - 30 | * |
| Butane | 106-97-8 | 5 - 10 | * |
| Methyl Amyl Ketone | 110-43-0 | 5 - 10 | * |
| Tert-Butyl Acetate | 540-88-5 | 5 - 10 | * |
| Methyl Isobutyl Ketone | 108-10-1 | 1 - 5 | * |
| Methyl Ethyl Ketone | 78-93-3 | 1 - 5 | * |
| Ethylene Glycol Butyl Ether | 111-76-2 | 1 - 5 | * |
| Titanium dioxide | 13463-67-7 | 0.1 - 1 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

| General advice | Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician. | |
|--|--|--|
| Eye contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. If symptoms persist, call a physician. | |
| Skin Contact | Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. | |
| Inhalation | Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician. | |
| Ingestion | Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Call a physician. | |
| Self-protection of the first aider | Remove all sources of ignition. Use personal protective equipment as required. | |
| Most important symptoms and effects, both acute and delayed | | |
| Symptoms | No information available. | |
| Indication of any immediate medical attention and special treatment needed | | |
| Note to physicians | Treat symptomatically. | |

5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media</u> Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical Extremely flammable.

Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| Personal precautions | Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak. |
|---------------------------|---|
| Environmental precautions | |
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information. |

Methods and material for containment and cleaning up

| Methods for containment | Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal. | |
|-------------------------|--|--|
| Methods for cleaning up | Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. | |
| 7. HANDLING AND STORAGE | | |

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

Conditions for safe storage, including any incompatibilities

Storage ConditionsKeep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep
containers tightly closed in a cool, well-ventilated place.

Incompatible materials

Strong acids. Strong oxidizing agents. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------|---------------------------|--|-----------------------------|
| Acetone | STEL: 500 ppm | TWA: 1000 ppm | IDLH: 2500 ppm |
| 67-64-1 | TWA: 250 ppm | TWA: 2400 mg/m ³ | TWA: 250 ppm |
| | | (vacated) TWA: 750 ppm | TWA: 590 mg/m ³ |
| | | (vacated) TWA: 1800 mg/m ³ | |
| | | (vacated) STEL: 2400 mg/m ³ The | |
| | | acetone STEL does not apply to the | |
| | | cellulose acetate fiber industry. It is | |
| | | in effect for all other sectors | |
| | | (vacated) STEL: 1000 ppm | |
| Propane | : See Appendix F: Minimal | TWA: 1000 ppm | IDLH: 2100 ppm |
| 74-98-6 | Oxygen Content | TWA: 1800 mg/m ³ | TWA: 1000 ppm |
| | | (vacated) TWA: 1000 ppm | TWA: 1800 mg/m ³ |
| | | (vacated) TWA: 1800 mg/m ³ | |
| Butane | STEL: 1000 ppm | (vacated) TWA: 800 ppm | TWA: 800 ppm |
| 106-97-8 | | (vacated) TWA: 1900 mg/m ³ | TWA: 1900 mg/m ³ |
| Methyl Amyl Ketone | TWA: 50 ppm | TWA: 100 ppm | IDLH: 800 ppm |
| 110-43-0 | | TWA: 465 mg/m ³ | TWA: 100 ppm |
| | | (vacated) TWA: 100 ppm | TWA: 465 mg/m ³ |
| | | (vacated) TWA: 465 mg/m ³ | - |
| Tert-Butyl Acetate | STEL: 150 ppm | TWA: 200 ppm | IDLH: 1500 ppm |
| 540-88-5 | TWA: 50 ppm | TWA: 950 mg/m ³ | TWA: 200 ppm |
| | | (vacated) TWA: 200 ppm | TWA: 950 mg/m ³ |
| | | (vacated) TWA: 950 mg/m ³ | - |
| Methyl Isobutyl Ketone | STEL: 75 ppm | TWA: 100 ppm | IDLH: 500 ppm |
| 108-10-1 | TWA: 20 ppm | TWA: 410 mg/m ³ | TWA: 50 ppm |
| | | (vacated) TWA: 50 ppm | TWA: 205 mg/m ³ |
| | | (vacated) TWA: 205 mg/m ³ | STEL: 75 ppm |
| | | (vacated) STEL: 75 ppm | STEL: 300 mg/m ³ |
| | | (vacated) STEL: 300 mg/m ³ | - |

| Methyl Ethyl Ketone 78-93-3 | STEL: 300 ppm TWA: 200 ppm | TWA: 200 ppm TWA: 590 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 590 mg/m ³ (vacated) STEL: 300 ppm (vacated) STEL: 885 mg/m ³ | IDLH: 3000 ppm TWA: 200 ppm TWA: 590 mg/m ³ STEL: 300 ppm STEL: 885 mg/m ³ |
|---|-------------------------------|--|--|
| Ethylene Glycol Butyl Ether 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |
| Titanium dioxide 13463-67-7 | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust | IDLH: 5000 mg/m ³ |

NIOSH IDLH Immediately Dangerous to Life or Health

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Other Information

| Engineering Controls | Showers |
|----------------------|----------------------|
| | Eyewash stations |
| | Ventilation systems. |

Individual protection measures, such as personal protective equipment

| Eye/face protection | Tight sealing safety goggles. Face protection shield. |
|--------------------------------|---|
| Skin and body protection | No special technical protective measures are necessary. |
| Respiratory protection | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| General Hygiene Considerations | When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| Physical state Appearance | Aerosol No information available | Odor | No information available |
|------------------------------|-------------------------------------|------------------|--------------------------|
| Color | No information available | Odor threshold | No information available |
| <u>Property</u> | <u>Values</u> | Remarks • Method | |

| рН | No information available |
|-------------------------------|--------------------------|
| Melting point/freezing point | No information available |
| Boiling point / boiling range | >= -42 °C / -44 °F |
| Flash point | -104 °C / -155 °F |
| Evaporation rate | No information available |
| Flammability (solid, gas) | No information available |
| Flammability Limit in Air | |
| Upper flammability limit: | No information available |
| Lower flammability limit: | No information available |
| Vapor pressure | No information available |
| Vapor density | No information available |
| Specific Gravity | 0.76 |
| Water solubility | No information available |
| Soubility in other solvents | No information available |
| - | |
| | |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| | |
| Other Information | |
| | |
| Softening point | No information available |
| Molecular weight | No information available |
| VOC Content (%) | No information available |
| Density | 6.37 lbs/gal |
| Bulk density | No information available |
| Percent solids by weight | 17.0% |
| Percent volatile by weight | 41.0% |
| Percent solids by volume | 9.1% |
| Actual VOC (lbs/gal) | 2.6 |
| Actual VOC (grams/liter) | 313.2 |
| EPA VOC (lbs/gal) | 4.4 |

531

28.7

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

EPA VOC (grams/liter)

EPA VOC (lb/gal solids)

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong acids. Strong oxidizing agents. Chlorinated compounds.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| Product Information | No data available |
|---------------------|--------------------|
| Inhalation | No data available. |
| Eye contact | No data available. |
| Skin Contact | No data available. |
| Ingestion | No data available. |
| | |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|--------------------|------------------------|------------------------|
| Acetone | = 5800 mg/kg (Rat) | > 15700 mg/kg (Rabbit) | = 50100 mg/m³ (Rat)8 h |
| 67-64-1 | | | |

| | 1 | | 1 |
|---|--|--|---|
| Propane 74-98-6 | - | - | = 658 mg/L (Rat)4 h |
| Butane 106-97-8 | - | - | = 658 g/m³(Rat)4 h |
| Methyl Amyl Ketone 110-43-0 | = 1600 mg/kg (Rat) = 1670 mg/kg (Rat) | = 12.6 mL/kg (Rabbit)= 12600 μL/kg (Rabbit) | > 2000 ppm (Rat)4 h |
| Tert-Butyl Acetate 540-88-5 | = 4100 mg/kg (Rat) | > 2000 mg/kg(Rabbit)> 2 g/kg(Rabbit) | = 13300 mg/m³ (Rat) 4 h > 2230 mg/m³ (Rat) 4 h |
| Methyl Isobutyl Ketone 108-10-1 | = 2080 mg/kg (Rat) | = 3000 mg/kg (Rabbit) | = 8.2 mg/L (Rat)4 h |
| Methyl Ethyl Ketone 78-93-3 | = 2737 mg/kg (Rat) = 2483 mg/kg (Rat) | = 5000 mg/kg(Rabbit)= 6480 mg/kg (Rabbit) | = 11700 ppm (Rat)4 h |
| Ethylene Glycol Butyl Ether 111-76-2 | = 470 mg/kg (Rat) | = 99 mg/kg (Rabbit) | = 450 ppm (Rat)4 h |
| Titanium dioxide 13463-67-7 | > 10000 mg/kg (Rat) | - | - |

Information on toxicological effects

Symptoms

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Germ cell mutagenicity Carcinogenicity | No informati | on available. on available. on available. | | |
|---|--|--|---|--------------|
| Chemical Name | ACGIH | IARC | NTP | OSHA |
| Methyl Isobutyl Ketone 108-10-1 | A3 | Group 2B | - | X |
| Ethylene Glycol Butyl Ether 111-76-2 | A3 | Group 3 | - | - |
| Titanium dioxide 13463-67-7 | - | Group 2B | - | X |
| IARC (International Age Group 2B - Possibly Card | cinogenic to Humans | er) | | |
| Group 2B - Possibly Carc Group 3 - Not classifiable OSHA (Occupational Sa | cinogenic to Humans as a human carcinogen | er) ation of the US Department o | f Labor) | |
| Group ² 2B - Possibly Carc Group 3 - Not classifiable OSHA (Occupational Sa X - Present | cinogenic to Humans e as a human carcinogen afety and Health Administra | | f Labor) | |
| Group ² 2B - Possibly Carc Group 3 - Not classifiable OSHA (Occupational Sa X - Present Reproductive toxicity | cinogenic to Humans e as a human carcinogen afety and Health Administra No informati | ation of the US Department o | f Labor) | |
| Group 2B - Possibly Caro Group 3 - Not classifiable OSHA (Occupational Sa X - Present Reproductive toxicity STOT - single exposure | cinogenic to Humans e as a human carcinogen afety and Health Administra No informati No informati | ation of the US Department o | f Labor) | |
| Group 2B - Possibly Carc Group 3 - Not classifiable OSHA (Occupational Sa | cinogenic to Humans as a human carcinogen afety and Health Administra No informati No informati re No informati Avoid repea | ation of the US Department of the US nepartment of the US nepartment of the second sec | dverse effects on the bon | e marrow and |
| Group 2B - Possibly Carc Group 3 - Not classifiable OSHA (Occupational Sa X - Present Reproductive toxicity STOT - single exposure STOT - repeated exposure | cinogenic to Humans e as a human carcinogen afety and Health Administra No informati No informati Avoid repea blood-formin blood, Centr | ation of the US Department of on available. on available. on available. ted exposure. May cause ac | dverse effects on the bon rse liver effects. ematopoietic System, kic | |

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

41.68% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---------------|----------------------|----------------------------------|--------------------------------|
| Acetone | - | 6210 - 8120: 96 h Pimephales | 10294 - 17704: 48 h Daphnia |
| 67-64-1 | | promelas mg/L LC50 static 4.74 - | magna mg/L EC50 Static 12600 - |
| | | 6.33: 96 h Oncorhynchus mykiss | 12700: 48 h Daphnia magna mg/L |
| | | mL/L LC50 8300: 96 h Lepomis | EC50 |
| | | macrochirus mg/L LC50 | |

| | | 1 | |
|-----------------------------|-------------------------------|---------------------------------|---------------------------------|
| Methyl Amyl Ketone | - | 126 - 137: 96 h Pimephales | - |
| 110-43-0 | | promelas mg/L LC50 flow-through | |
| Tert-Butyl Acetate | - | 296 - 362: 96 h Pimephales | - |
| 540-88-5 | | promelas mg/L LC50 flow-through | |
| Methyl Isobutyl Ketone | 400: 96 h Pseudokirchneriella | 496 - 514: 96 h Pimephales | 170: 48 h Daphnia magna mg/L |
| 108-10-1 | subcapitata mg/L EC50 | promelas mg/L LC50 flow-through | EC50 |
| Methyl Ethyl Ketone | - | 3130 - 3320: 96 h Pimephales | 4025 - 6440: 48 h Daphnia magna |
| 78-93-3 | | promelas mg/L LC50 flow-through | mg/L EC50 Static 5091: 48 h |
| | | | Daphnia magna mg/L EC50 520: 48 |
| | | | h Daphnia magna mg/L EC50 |
| Ethylene Glycol Butyl Ether | - | 1490: 96 h Lepomis macrochirus | 1698 - 1940: 24 h Daphnia magna |
| 111-76-2 | | mg/L LC50 static 2950: 96 h | mg/L EC50 1000: 48 h Daphnia |
| | | Lepomis macrochirus mg/L LC50 | magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical Name | Partition coefficient |
|---|-----------------------|
| Acetone 67-64-1 | -0.24 |
| Propane 74-98-6 | 2.3 |
| Butane 106-97-8 | 2.89 |
| Methyl Amyl Ketone 110-43-0 | 1.98 |
| Tert-Butyl Acetate 540-88-5 | 1.38 |
| Methyl Isobutyl Ketone 108-10-1 | 1.19 |
| Methyl Ethyl Ketone 78-93-3 | 0.3 |
| Ethylene Glycol Butyl Ether 111-76-2 | 0.81 |

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

US EPA Waste Number

U002 U154 U159 U161 U220 U239

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|------------------------------------|------|--|-------------------------------|-------------------------------|
| Acetone 67-64-1 | - | Included in waste stream: F039 | - | U002 |
| Methyl Isobutyl Ketone 108-10-1 | - | Included in waste stream: F039 | - | U161 |
| Methyl Ethyl Ketone 78-93-3 | U159 | Included in waste streams: F005, F039 | 200.0 mg/L regulatory level | U159 |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|-----------------------|-----------------------------------|
| Acetone 67 - 6 4 1 | Ignitable |

| Methyl Ethyl K 78-93-3 | etone | Toxic Ignitable | |
|---|--|--------------------|--|
| 14. TRANSPORT INFORMATION | | | |
| DOT UN/ID no. Proper shipping name Hazard Class Description Emergency Response Guide Number | UN1950 Aerosols 2.1 UN1950, Aerosols, 2.1 126 | | |
| <u>TDG</u> UN/ID no. Proper shipping name Hazard Class Description | UN1950 Aerosols 2.1 UN1950, Aerosols, 2.1 | | |
| MEX UN/ID no. Proper shipping name Hazard Class Description | UN1950 Aerosols 2 UN1950, Aerosols, 2 | | |
| ICAO (air) UN/ID no. Proper shipping name Hazard Class Special Provisions Description | UN1950 Aerosols 2.1 A145, A167 UN1950, Aerosols, 2.1 | | |
| IATA UN/ID no. Proper shipping name Hazard Class ERG Code Special Provisions Description | UN1950 Aerosols, flammable 2.1 10L A145, A167, A802 UN1950, Aerosols, flamm | nable, 2.1 | |
| IMDG UN/ID no. Proper shipping name Hazard Class EmS-No. Special Provisions Description | UN1950 Aerosols 2 F-D, S-U 63,190, 277, 327, 344, 95 UN1950, Aerosols, 2 | 59 | |
| <u>RID</u> UN/ID no. Proper shipping name Hazard Class Classification code Description | UN1950 Aerosols 2.1 5F UN1950, Aerosols, 2.1 | | |
| ADR UN/ID no. Proper shipping name Hazard Class Classification code Tunnel restriction code | UN1950 Aerosols 2.1 5F (D) | | |

| Special Provisions Description Labels | 190, 327, 344, 625 UN1950, Aerosols, 2.1, (D) 2.1 |
|---|---|
| ADN | |
| Proper shipping name | Aerosols |
| Hazard Class | 2.1 |
| Classification code | 5F |
| Special Provisions | 190, 327, 344, 625 |
| Description | UN1950, Aerosols, 2.1 |
| Hazard label(s) | 2.1 |
| Limited quantity (LQ) | 1 L |
| Ventilation | VE01, VE04 |
| | |

15. REGULATORY INFORMATION

| International Inventories | |
|---------------------------|-----------------|
| TSCA | Complies |
| DSL/NDSL | Complies * |
| EINECS/ELINCS | Complies * |
| ENCS | Does not comply |
| IECSC | Complies * |
| KECL | Complies * |
| PICCS | Does not comply |
| AICS | Does not comply |
| | |

* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | SARA 313 - Threshold Values % |
|-----------------------------|-------------------------------|
| Methyl Isobutyl Ketone | 1.0 |
| Ethylene Glycol Butyl Ether | 1.0 |

SARA 311/312 Hazard Categories

| Yes |
|-----|
| Yes |
| Yes |
| No |
| No |
| |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| Tert-Butyl Acetate 540-88-5 | - | - | - | Х |

<u>CERCLA</u> This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|------------------------------------|--------------------------|----------------|--|
| Acetone 67-64-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Tert-Butyl Acetate 540-88-5 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Methyl Isobutyl Ketone 108-10-1 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Methyl Ethyl Ketone 78-93-3 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

US State Regulations

<u>California Proposition 65</u> This product contains the following Proposition 65 chemicals

| Chemical Name | California Proposition 65 |
|-----------------------------------|-----------------------------|
| Methyl Isobutyl Ketone - 108-10-1 | Carcinogen Developmental |
| Titanium dioxide - 13463-67-7 | Carcinogen |
| Ethyl Benzene - 100-41-4 | Carcinogen |
| Methanol - 67-56-1 | Developmental |
| Crystalline Silica - 14808-60-7 | Carcinogen |
| Toluene - 108-88-3 | Developmental |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts |
|---|------------|---------------|
| Acetone 67-64-1 | X | X |
| Propane 74-98-6 | Х | X |
| Butane 106-97-8 | Х | X |
| Methyl Amyl Ketone 110-43-0 | Х | X |
| Tert-Butyl Acetate 540-88-5 | Х | Х |
| Methyl Isobutyl Ketone 108-10-1 | Х | X |
| Methyl Ethyl Ketone 78-93-3 | Х | Х |
| Ethylene Glycol Butyl Ether 111-76-2 | Х | Х |
| Propylene Glycol Methyl Ether 107-98-2 | Х | Х |
| Xylene 1330-20-7 | Х | Х |
| Butyl Acetate 123-86-4 | Х | Х |

| Chemical Name | Pennsylvania |
|------------------------------------|--------------|
| Acetone 67-64-1 | X |
| Propane 74-98-6 | X |
| Butane 106-97-8 | x |
| Methyl Amyl Ketone 110-43-0 | X |
| Tert-Butyl Acetate 540-88-5 | X |
| Methyl Isobutyl Ketone 108-10-1 | x |

| Methyl Ethyl Ketone 78-93-3 | X |
|---|---|
| Ethylene Glycol Butyl Ether 111-76-2 | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Hazardous air pollutants (HAPS) content

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants' (present individually at 1% by weight, or greater):

| Chemical Name | Weight % of HAPS in Product | Pounds HAPS / Gal Product |
|------------------------------------|-----------------------------|---------------------------|
| Methyl Isobutyl Ketone 108-10-1 | 2.23% | 0.14 |

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| <u>NFPA</u> | Health hazards 2 | Flammability 4 | Instability 0 | Physical and Chemical Properties * |
|------------------------|--------------------|----------------|--------------------|---------------------------------------|
| HMIS | Health hazards 2 * | Flammability 4 | Physical hazards 0 | Personal protection X |
| Chronic Hazard Star Le | gend * = Chronic | Health Hazard | | |
| Revision Date | 14-Dec-201 | 6 | | |

Revision Note No information available

Disclaimer

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End of Safety Data Sheet