



1. IDENTIFICATION

Product identifier

Product Name Grey Brown (Aerosol)

Other means of identification

Product Code RAL-8019

SKU(s) None

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No 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

Suitable extinguishing media

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 Conditions | Keep 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 67-64-1 | STEL: 500 ppm TWA: 250 ppm | TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (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 | IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³ |
| Propane 74-98-6 | : See Appendix F: Minimal Oxygen Content | TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ | IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ |
| Butane 106-97-8 | STEL: 1000 ppm | (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | TWA: 800 ppm TWA: 1900 mg/m ³ |
| Methyl Amyl Ketone 110-43-0 | TWA: 50 ppm | TWA: 100 ppm TWA: 465 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 465 mg/m ³ | IDLH: 800 ppm TWA: 100 ppm TWA: 465 mg/m ³ |
| Tert-Butyl Acetate 540-88-5 | STEL: 150 ppm TWA: 50 ppm | TWA: 200 ppm TWA: 950 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 950 mg/m ³ | IDLH: 1500 ppm TWA: 200 ppm TWA: 950 mg/m ³ |
| Methyl Isobutyl Ketone 108-10-1 | STEL: 75 ppm TWA: 20 ppm | TWA: 100 ppm TWA: 410 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 205 mg/m ³ (vacated) STEL: 75 ppm (vacated) STEL: 300 mg/m ³ | IDLH: 500 ppm TWA: 50 ppm TWA: 205 mg/m ³ STEL: 75 ppm 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*

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

Appropriate engineering controls

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 | Aerosol | Odor | No information available |
| Appearance | No information available | Odor threshold | No information available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-----------------|---------------|-------------------------|
|-----------------|---------------|-------------------------|

| | |
|--------------------------------------|--------------------------|
| pH | 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 |
| Solubility 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 |
| EPA VOC (grams/liter) | 531 |
| EPA VOC (lb/gal solids) | 28.7 |

| |
|-------------------------------------|
| 10. STABILITY AND REACTIVITY |
|-------------------------------------|

Reactivity

No data available

Chemical stability

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 67-64-1 | = 5800 mg/kg (Rat) | > 15700 mg/kg (Rabbit) | = 50100 mg/m ³ (Rat) 8 h |
| Propane 74-98-6 | - | - | = 658 mg/L (Rat) 4 h |
| Butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Methyl Amyl Ketone 110-43-0 | = 1600 mg/kg (Rat) = 1670 mg/kg (Rat) | = 12.6 mL/kg (Rabbit) = 12600 μ L/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/m ³ (Rat) 4 h > 2230 mg/m ³ (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

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information 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 |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity Avoid repeated exposure. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

Target Organ Effects blood, Central nervous system, Eyes, Hematopoietic System, kidney, liver, Peripheral Nervous System (PNS), Respiratory system, Skin.

Aspiration hazard No information available.

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 component(s) of unknown hazards to the aquatic environment

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

| | | | |
|-----------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Methyl Amyl Ketone 110-43-0 | - | 126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through | - |
| Tert-Butyl Acetate 540-88-5 | - | 296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through | - |
| Methyl Isobutyl Ketone 108-10-1 | 400: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through | 170: 48 h Daphnia magna mg/L EC50 |
| Methyl Ethyl Ketone 78-93-3 | - | 3130 - 3320: 96 h Pimephales promelas mg/L LC50 flow-through | 4025 - 6440: 48 h Daphnia magna mg/L EC50 Static 5091: 48 h Daphnia magna mg/L EC50 520: 48 h Daphnia magna mg/L EC50 |
| Ethylene Glycol Butyl Ether 111-76-2 | - | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | 1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia 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 67-64-1 | Ignitable |

| | |
|--------------------------------|--------------------|
| Methyl Ethyl Ketone 78-93-3 | Toxic Ignitable |
|--------------------------------|--------------------|

14. TRANSPORT INFORMATION

DOT

| | |
|---------------------------------|-----------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2.1 |
| Description | UN1950, Aerosols, 2.1 |
| Emergency Response Guide Number | 126 |

TDG

| | |
|----------------------|-----------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2.1 |
| Description | UN1950, Aerosols, 2.1 |

MEX

| | |
|----------------------|---------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2 |
| Description | UN1950, Aerosols, 2 |

ICAO (air)

| | |
|----------------------|-----------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2.1 |
| Special Provisions | A145, A167 |
| Description | UN1950, Aerosols, 2.1 |

IATA

| | |
|----------------------|----------------------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols, flammable |
| Hazard Class | 2.1 |
| ERG Code | 10L |
| Special Provisions | A145, A167, A802 |
| Description | UN1950, Aerosols, flammable, 2.1 |

IMDG

| | |
|----------------------|----------------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2 |
| EmS-No. | F-D, S-U |
| Special Provisions | 63,190, 277, 327, 344, 959 |
| Description | UN1950, Aerosols, 2 |

RID

| | |
|----------------------|-----------------------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2.1 |
| Classification code | 5F |
| Description | UN1950, Aerosols, 2.1 |

ADR

| | |
|-------------------------|----------|
| UN/ID no. | UN1950 |
| Proper shipping name | Aerosols |
| Hazard Class | 2.1 |
| Classification code | 5F |
| Tunnel restriction code | (D) |

Special Provisions 190, 327, 344, 625
Description UN1950, Aerosols, 2.1, (D)
Labels 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

| | |
|------------------------------------------|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | 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 | - | - | - | X |

CERCLA

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**California Proposition 65**

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 | X | X |
| Butane 106-97-8 | X | X |
| Methyl Amyl Ketone 110-43-0 | X | X |
| Tert-Butyl Acetate 540-88-5 | X | X |
| Methyl Isobutyl Ketone 108-10-1 | X | X |
| Methyl Ethyl Ketone 78-93-3 | X | X |
| Ethylene Glycol Butyl Ether 111-76-2 | X | X |
| Propylene Glycol Methyl Ether 107-98-2 | X | X |
| Xylene 1330-20-7 | X | X |
| Butyl Acetate 123-86-4 | X | X |

| 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

| | | | | |
|-------------|--------------------|----------------|--------------------|------------------------------------|
| NFPA | 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 Legend * = Chronic Health Hazard

Revision Date 14-Dec-2016

Revision Note

No information available

Disclaimer

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End of Safety Data Sheet