SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 03-Sep-2025 **Revision Number** 1

1. Identification

Product identifier

Product Name CND SHELLAC Colors

Other means of identification

Product Code(s) 4708193, 4707051

UN-No UN1263

Bulk Number 4708193, 4707051, 987930 (4712291000, 4712287000, 4712288000, 4712286000, 4712292000, 47122890004712290000, 4713034000, 4713035000, 4713036000, 4713037000, 4713038000, 4713039000)

Brand CND

Category Nail

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use No information available

Restrictions on use No information available

Details of the supplier of the safety data sheet

Initial supplier identifier
Revlon Research Center

Supplier Address
2121 Route 27Edison, NJ 08818

Emergency telephone number

Emergency Telephone Number INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. Hazard(s) identification

Classification

Flammable liquids	Category 2
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3

Label elements

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Danger

Hazard statements
Highly flammable liquid and vapor
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause respiratory irritation
May cause drowsiness or dizziness

Precautionary Statements - Prevention
Avoid breathing dust, fume, gas, mist, vapors and spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing must not be allowed out of the workplace
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground and bond container and receiving equipment
Use explosion-proof electrical, ventilating, lighting and .? equipment
Use only non-sparking tools
Take action to prevent static discharges
Wear protective gloves, eye protection and face protection
Keep cool
Precautionary Statements - Response
Specific treatment (see .? on this label)
Eyes
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 and attention
Skin
If skin irritation or rash occurs: Get medical advice and attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and then shower
Wash contaminated clothing before reuse
Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell
Fire
In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up
Precautionary Statements - Disposal
Dispose of contents and container to an approved waste disposal plant

Unknown acute toxicity

Other information
May cause long lasting harmful effects to aquatic life.

3. Composition/information on ingredients

Substance

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Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Butyl Acetate 123-86-4 (<25)	123-86-4	<25	-	-
Isobornyl Methacrylate 7534-94-3 (<25)	7534-94-3	<25	-	-
Titanium dioxide 13463-67-7 (<15)	13463-67-7	<15	-	-
Ethyl Trimethylbenzoyl Phenylphosphinate 84434-11-7 (<5)	84434-11-7	<5	-	-
Propylene carbonate 108-32-7 (<5)	108-32-7	<5	-	-
Aluminum 7429-90-5 (<5)	7429-90-5	<5	-	-
Silica 7631-86-9 (<5)	7631-86-9	<5	-	-
Mica 12001-26-2 (<5)	12001-26-2	<5	-	-
Ci 77491 1309-37-1 (<5)	1309-37-1	<5	-	-
Ci 77742 10101-66-3 (<5)	10101-66-3	<5	-	-
Bis-Trimethylbenzoyl Phenylphosphine Oxide 162881-26-7 (<1)	162881-26-7	<1	-	-
BHT 128-37-0 (<1)	128-37-0	<1	-	-

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness,

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tiredness, nausea and vomiting. Coughing and/ or wheezing. Difficulty in breathing.

Effects of Exposure No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact.

Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Avoid breathing vapors or mists.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

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Advice on safe handling

Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep out of the reach of children.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Butyl Acetate	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 710 mg/m³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m³ STEL: 200 ppm STEL: 950 mg/m³
TITANIUM DIOXIDE (CI 77891)	TWA: 0.2 mg/m³ nanoscale respirable particulate matter TWA: 2.5 mg/m³ finescale respirable particulate matter	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m³ TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale
ALUMINUM POWDER (CI 77000)	TWA: 1 mg/m³ respirable particulate matter	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction (vacated) TWA: 5 mg/m³ Al Aluminum	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust TWA: 5 mg/m³ Al
SILICA	-	TWA: 50 µg/m³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 6 mg/m³ <1% Crystalline silica TWA: 20 mppcf : (80)/(% SiO2) mg/m ³ TWA	IDLH: 3000 mg/m³ TWA: 6 mg/m³
MICA	TWA: 0.1 mg/m³ respirable particulate matter	TWA: 20 mppcf respirable dust <1% Crystalline silica (vacated) TWA: 3 mg/m³ respirable dust <1% Crystalline silica TWA: 20 mppcf <1% Crystalline silica	IDLH: 1500 mg/m³ TWA: 3 mg/m³ containing <1% Quartz respirable dust

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IRON OXIDES (CI 77491)	TWA: 5 mg/m³ respirable particulate matter	TWA: 10 mg/m³ fume TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 10 mg/m³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m³ respirable fraction regulated under Rouge	IDLH: 2500 mg/m³ Fe dust and fume TWA: 5 mg/m³ Fe dust and fume
MANGANESE VIOLET (CI 77742)	TWA: 0.02 mg/m³ Mn respirable particulate matter TWA: 0.1 mg/m³ Mn inhalable particulate matter	(vacated) Ceiling: 5 mg/m³ Ceiling: 5 mg/m³ Mn	IDLH: 500 mg/m³ Mn TWA: 1 mg/m³ Mn STEL: 3 mg/m³ Mn
BHT	TWA: 2 mg/m³ inhalable fraction and vapor	(vacated) TWA: 10 mg/m³	TWA: 10 mg/m³

Chemical name	Alberta	British Columbia	Ontario	Quebec
Butyl Acetate	TWA: 150 ppm TWA: 713 mg/m³ STEL: 200 ppm STEL: 950 mg/m³	TWA: 50 ppm STEL: 150 ppm	TWA: 50 ppm STEL: 150 ppm	TWA: 50 ppm STEL: 150 ppm
TITANIUM DIOXIDE (CI 77891)	TWA: 10 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³
ALUMINUM POWDER (CI 77000)	TWA: 10 mg/m³ TWA: 5 mg/m³	TWA: 1.0 mg/m³	TWA: 1 mg/m³	TWA: 10 mg/m³ TWA: 5 mg/m³
MICA	TWA: 3 mg/m³	TWA: 3 mg/m³	TWA: 3 mg/m³	TWA: 3 mg/m³
IRON OXIDES (CI 77491)	TWA: 5 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³ TWA: 5 mg/m³ STEL: 10 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³
MANGANESE VIOLET (CI 77742)	TWA: 0.2 mg/m³	TWA: 0.2 mg/m³ TWA: 0.02 mg/m³ Adverse reproductive effect	TWA: 0.02 mg/m³ TWA: 0.1 mg/m³	TWA: 0.2 mg/m³
BHT	TWA: 10 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Butyl Acetate 123-86-4 (<25)	TWA: 50 ppm STEL: 150 ppm	TWA: 50 ppm STEL: 150 ppm	TWA: 50 ppm STEL: 150 ppm	TWA: 50 ppm STEL: 150 ppm
Titanium dioxide 13463-67-7 (<15)	TWA: 0.2 mg/m³ TWA: 2.5 mg/m³	TWA: 10 mg/m³	TWA: 0.2 mg/m³ TWA: 2.5 mg/m³	TWA: 0.2 mg/m³ TWA: 2.5 mg/m³
Aluminum 7429-90-5 (<5)	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³
Mica 12001-26-2 (<5)	TWA: 0.1 mg/m³	TWA: 3 mg/m³	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³
Ci 77491 1309-37-1 (<5)	TWA: 5 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³
BHT 128-37-0 (<1)	TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Butyl Acetate 123-86-4 (<25)	TWA: 150 ppm STEL: 200 ppm	TWA: 50 ppm STEL: 150 ppm	TWA: 150 ppm STEL: 200 ppm	TWA: 150 ppm TWA: 710 mg/m³ STEL: 200 ppm STEL: 950 mg/m³
Titanium dioxide	TWA: 10 mg/m³	TWA: 0.2 mg/m³	TWA: 10 mg/m³	TWA: 30 mppcf

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
13463-67-7 (<15)	STEL: 20 mg/m³	TWA: 2.5 mg/m³	STEL: 20 mg/m³	TWA: 10 mg/m³ STEL: 20 mg/m³
Aluminum 7429-90-5 (<5)	TWA: 10 mg/m³ STEL: 20 mg/m³	TWA: 1 mg/m³	TWA: 10 mg/m³ STEL: 20 mg/m³	
Silica 7631-86-9 (<5)				TWA: 300 particle/mL TWA: 20 mppcf TWA: 2 mg/m³
Mica 12001-26-2 (<5)	TWA: 3 mg/m³ STEL: 6 mg/m³	TWA: 0.1 mg/m³	TWA: 3 mg/m³ STEL: 6 mg/m³	TWA: 20 mppcf
Ci 77491 1309-37-1 (<5)	TWA: 5 mg/m³ TWA: 10 mg/m³ STEL: 10 mg/m³ STEL: 20 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³ TWA: 10 mg/m³ STEL: 10 mg/m³ STEL: 20 mg/m³	TWA: 5 mg/m³ TWA: 30 mppcf TWA: 10 mg/m³ STEL: 10 mg/m³ STEL: 20 mg/m³
BHT 128-37-0 (<1)	TWA: 2 mg/m³ STEL: 4 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³ STEL: 4 mg/m³	TWA: 10 mg/m³ STEL: 20 mg/m³

Biological occupational exposure limits

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.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance Translucent to Opaque
Color Various tones and colors
Odor Solvent
Odor Threshold No information available

Property	Values	Remarks • Method
pH	No data available	None known

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Melting / freezing point	No data available	None known
Boiling point / boiling range	126 °C / 258.8 °F	None known
Flash Point	22 °C / 71.6 °F	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	No information available
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.02g/mL-1.09 g/mL	None known
Water solubility	Insoluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	700-3500	None known

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC content	No information available
Liquid Density	No information available
Bulk Density	No information available

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Hazardous Polymerization May occur, if exposed to extremely high temperatures

Conditions to avoid Keep away from strong oxidizers, heat, sparks, open flame and sources of ignition. Heat, flames and sparks. Excessive heat.

Incompatible materials This product is incompatible with alkaline metals, strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide). Strong acids. Strong bases. Strong oxidizing agents.

Hazardous decomposition products If exposed to extremely high temperatures, the product of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO2)

Hazardous decomposition products

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness. Harmful by inhalation. (based on components).

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Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Coughing and/ or wheezing.

Acute toxicity Harmful by inhalation.

Numerical measures of toxicity

Unknown acute toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Butyl Acetate	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 0.74 mg/L (Rat) 4 h
TITANIUM DIOXIDE (CI 77891)	> 10000 mg/kg (Rat)	-	= 5.09 mg/L (Rat) 4 h
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rat)	
PROPYLENE CARBONATE	= 29000 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	
ALUMINUM POWDER (CI 77000)	-	-	> 0.888 mg/L (Rat) 4 h
SILICA	= 7900 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 58.8 mg/L (Rat) 4 h
IRON OXIDES (CI 77491)	> 10000 mg/kg (Rat)	-	
BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	
BHT	> 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	

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

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation. May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

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Chemical name	ACGIH	IARC	NTP	OSHA
TITANIUM DIOXIDE (CI 77891)	A3	Group 2B	-	-
SILICA	-	Group 3	Known	X
IRON OXIDES (CI 77491)	-	Group 3	-	-
BHT	-	Group 3	-	-

Legend

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 to Carcinogenicity in Humans
NTP (National Toxicology Program)
Known - Known Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity No information available.

STOT - single exposure May cause respiratory irritation. May cause drowsiness or dizziness.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Butyl Acetate	EC50: =674.7mg/L (72h, Desmodesmus subspicatus)	LC50: =100mg/L (96h, Lepomis macrochirus) LC50: 17 - 19mg/L (96h, Pimephales promelas)	-	-
ISOBORNYL METHACRYLATE	-	LC50: =1.79mg/L (96h, Danio rerio)	-	-
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE	-	LC50: =1.89mg/L (96h, Danio rerio)	-	-
PROPYLENE CARBONATE	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: >1000mg/L (96h, Cyprinus carpio)	-	EC50: >500mg/L (48h, Daphnia magna)
SILICA	EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =5000mg/L (96h, Brachydanio rerio)	-	EC50: =7600mg/L (48h, Ceriodaphnia dubia)
IRON OXIDES (CI 77491)	-	LC50: =100000mg/L (96h, Danio rerio)	-	-
BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE	-	LC50: >90µg/L (96h, Danio rerio)	-	-
BHT	EC50: =6mg/L (72h, Pseudokirchneriella subcapitata) EC50: >0.42mg/L (72h, Desmodesmus	-	-	-

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	subspicatus)			

Persistence and Degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Butyl Acetate	2.3
ISOBORNYL METHACRYLATE	5.09
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE	2.91
PROPYLENE CARBONATE	0.48
BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE	5.8
BHT	5.1

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

US EPA Waste Number D001.

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

14. Transport information

DOT

UN-No UN1263
Proper Shipping Name Paint
Transport hazard class(es) 3
Packing Group II
Reportable quantity - lbs Butyl Acetate: RQ (lb)= 5000.00
Reportable quantity lbs. (calculated) Butyl Acetate: RQ (lb)= 20434.00
Reportable Quantity (RQ) (RQ/% in mixture) (Butyl Acetate: RQ (kg)= 2270.00)
Reportable quantity kg (calculated) Butyl Acetate: RQ (kg)= 9277.00
DOT Marine Pollutant I
Marine pollutant BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE, BHT
Description UN1263, Paint, 3, II, Marine pollutant
Special Provisions 149, B52, IB2, T4, TP1, TP8, TP28
Emergency Response Guide Number 128

IATA

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UN number or ID number	UN1263
Proper Shipping Name	Paint
Transport hazard class(es)	3
Packing group	II
ERG Code	3L
Special Provisions	A3, A72, A192
Description	UN1263, Paint, 3, II

IMDG

UN number or ID number	UN1263
Proper Shipping Name	Paint
Transport hazard class(es)	3
Packing Group	II
EmS-No	F-E, S-E
Special Provisions	163
Marine pollutant	P
Description	UN1263, Paint, 3, II, (22°C c.c.), Marine pollutant

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Complies.

Chemical name	CAS No.	U.S. Toxic Substances Control Act (TSCA) status	US TSCA inactive/active designation
Butyl Acetate 123-86-4 (<25)	123-86-4	Compliant	Active
Isobornyl Methacrylate 7534-94-3 (<25)	7534-94-3	Compliant	Active
Titanium dioxide 13463-67-7 (<15)	13463-67-7	Compliant	Active
Ethyl Trimethylbenzoyl Phenylphosphinate 84434-11-7 (<5)	84434-11-7		Unknown *
Propylene carbonate 108-32-7 (<5)	108-32-7	Compliant	Active
Aluminum 7429-90-5 (<5)	7429-90-5	Compliant	Active
Silica 7631-86-9 (<5)	7631-86-9	Compliant	Active
Mica 12001-26-2 (<5)	12001-26-2		Unknown *
Ci 77491 1309-37-1 (<5)	1309-37-1	Compliant	Active
Ci 77742 10101-66-3 (<5)	10101-66-3	Compliant	Active
Bis-Trimethylbenzoyl Phenylphosphine Oxide	162881-26-7	Compliant	Active

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Chemical name	CAS No.	U.S. Toxic Substances Control Act (TSCA) status	US TSCA inactive/active designation
162881-26-7 (<1)			
BHT 128-37-0 (<1)	128-37-0	Compliant	Active

*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

DSL	All components are listed either on the DSL or NDSL.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.
NZIoC	Contact supplier for inventory compliance status.

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
NZIoC - New Zealand Inventory of Chemicals

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 %
ALUMINUM POWDER (CI 77000)	1.0
MANGANESE VIOLET (CI 77742)	1.0

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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
Butyl Acetate	5000 lb	-	-	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	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Butyl Acetate	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

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California Proposition 65

This product does not require a Prop 65 chemical warning.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Butyl Acetate	X	X	X
TITANIUM DIOXIDE (CI 77891)	X	X	X
ALUMINUM POWDER (CI 77000)	X	X	X
SILICA	-	X	X
MICA	X	X	X
IRON OXIDES (CI 77491)	X	X	X
MANGANESE VIOLET (CI 77742)	X	-	X
CHROMIUM HYDROXIDE GREEN (CI 77289)/CHROMIUM HYDROXIDE GREEN	X	-	X
BLACK 2 (CI 77266) [NANO]	X	X	X
NITRO- CELLULOSE	X	X	X
CHROMIUM OXIDE GREENS (CI 77288)	X	X	X
BHT	X	X	X
Tin oxide	X	X	-
ISOPROPYL ALCOHOL	X	X	X
ETHYL ACETATE	X	X	X
P-HYDROXYANISOLE	X	X	X
PHENOXYETHANOL, METHYLPARABEN, ETHYLPARABEN, BUTYLPARABEN, PROPYLPARABEN, ISOBUTYLPARABEN	X	-	X
BENZOIC ACID	X	X	X

U.S. EPA Label information

16. Other information

NFPA	**Health hazards** 2	**Flammability** 3	**Instability** 0	**Special hazards** -
HMIS	**Health hazards** 2	**Flammability** 3	**Physical hazards** 0	**Personal Protection** X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)

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National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision Date 03-Sep-2025

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

North America SDS version information - NGHS

UL release:
GHS Revision 3
2023 Q1

North America Full process, including GHS and Transportation Wizards

Specific target organ toxicity (single exposure)	Category 3

Category 3 Target organ effects: Respiratory irritation, Narcotic effects.

Chemical name	California Hazardous Waste Status
Butyl Acetate	Toxic
ALUMINUM POWDER (CI 77000)	Ignitable powder

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