

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: .41514
Product Name: DRY MIST HEAVY DUTY SATIN SHEEN
Revision Date: Mar 27, 2025 **Date Printed:** Mar 27, 2025
Version: 2.0 **Supersedes Date:** May 28, 2024
Manufacturer's Name: Repcolite Paints, Inc.
Address: 473 West 17th Street Holland, MI, US, 49423
Emergency Phone: 800-535-5053
Information Phone Number: 616-396-1275
Fax: 616-396-9654

SECTION 2) HAZARDS IDENTIFICATION

Classification

Flammable Liquids - Category 1
 Aspiration Hazard - Category 1
 Carcinogenicity - Category 1A
 Eye Irritation - Category 2
 Germ Cell Mutagenicity - Category 1B
 Reproductive Toxicity - Category 2
 Skin Irritation - Category 3
 Skin Sensitizer - Category 1
 Specific Target Organ Toxicity - Repeated Exposure - Category 1
 Acute aquatic toxicity - Category 2
 Chronic aquatic toxicity - Category 2

Safety data sheet prepared in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

Pictograms



Signal Word

Danger

Hazardous Statements - Physical

H224 - Extremely flammable liquid and vapor

Hazardous Statements - Health

H304 - May be fatal if swallowed and enters airways
 H350 - May cause cancer
 H319 - Causes serious eye irritation

- H340 - May cause genetic defects.
- H361 - Suspected of damaging fertility or the unborn child
- H316 - Causes mild skin irritation
- H317 - May cause an allergic skin reaction
- H372 - Causes damage to organs through prolonged or repeated exposure.

Hazardous Statements - Environmental

- H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - General

- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.
- P103 - Read label before use.

Precautionary Statements - Prevention

- P273 - Avoid release to the environment.
- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P280 - Wear protective gloves, protective clothing, eye protection/face protection.
- P264 - Wash thoroughly after handling.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical/ventilating/lighting equipment.
- P242 - Use only non-sparking tools.
- P243 - Take action to prevent static discharges.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P270 - Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P331 - Do NOT induce vomiting.
- P308 + P313 - IF exposed or concerned: Get medical advice/attention.
- P391 - Collect spillage.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P370 + P378 - In case of fire: Use dry chemical, foam, or carbon dioxide to extinguish.
- P302 + P352 - IF ON SKIN: Wash with plenty of water.
- P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
- P321 - For specific treatment see section 4.
- P362 + P364 - Take off contaminated clothing. And wash it before reuse.
- P314 - Get Medical advice/attention if you feel unwell.

Precautionary Statements - Storage

- P405 - Store locked up.
- P403 + P235 - Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

P501 - Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Acute toxicity of 20.5% of the mixture is unknown

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0001317-65-3	CALCIUM CARBONATE	20% - 33%
0068410-97-9	LACQUER DILUENT NAPHTHA	8% - 18%
0013463-67-7	TITANIUM DIOXIDE	7% - 17%
0008052-41-3	STODDARD SOLVENT	6% - 14%
0000616-38-6	CARBONIC ACID, DIMETHYL ESTER	5% - 11%
0064742-49-0	VM & P NAPHTHA	1.6% - 4%
0001335-30-4	ALUMINUM SILICATE HYDRATE	0.1% - 1.7%
0001330-20-7	XYLENE	0.1% - 1.6%
0000142-82-5	N-HEPTANE	0.1% - 1.4%
0000111-65-9	OCTANE	0.1% - 1.4%
0007631-86-9	SILICA, AMORPHOUS	0.1% - 1.3%
0000100-41-4	ETHYLBENZENE	0.0% - 0.4%
0000096-29-7	2-BUTANONE OXIME	0.0% - 0.4%
0014808-60-7	SILICA, CRYSTALLINE	0.0% - 0.3%
0000136-51-6	CALCIUM 2-ETHYLHEXANOATE	0.0% - 0.3%
0000107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Eliminate all ignition sources if safe to do so.

Skin Contact

Take off immediately all contaminated clothing, shoes, and leather goods (e.g., watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 30 minutes or until medical aid is available. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before re-use or discard.

IF exposed or concerned: Get medical advice/attention.

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 30 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately call a POISON CENTER/doctor.

IF exposed or concerned: Get medical advice/attention.

Ingestion

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER. If vomiting occurs naturally, lie on your side, in the recovery position.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, or carbon dioxide is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Unsuitable Extinguishing Media

No data available.

Specific Hazards Arising from the Chemical

Vapor accumulations and spray mist may flash or explode if ignited.

Water should be used to cool containers to prevent pressure build up which could result in container rupture.

Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Equipment

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Protective Equipment

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Use explosive proof equipment.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Dike area to contain spill.

Absorb spill with a non-flammable absorbant.

Place in closeable containers using non-sparking tools.

SECTION 7) HANDLING AND STORAGE

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

Ground and bond containers and receiving equipment. Avoid static electricity by grounding.

Avoid storage or use near sparks, heat or flame.

General

Wash hands after use.
 Do not get in eyes, on skin or on clothing.
 Do not breathe vapors or mists.
 Use good personal hygiene practices.
 Eating, drinking and smoking in work areas is prohibited.
 Remove contaminated clothing and protective equipment before entering eating areas.
 Eyewash stations and showers should be available in areas where this material is used and stored.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	ACGIH TWA (ppm)
ALUMINUM SILICATE HYDRATE								
CALCIUM CARBONATE		[15]; [5 (a)];			1			
ETHYLBENZENE	100	435			1			20
LACQUER DILUENT NAPHTHA	500	2000			1			
N-HEPTANE	500	2000			1			400
OCTANE	500	2350			1			300
PROPYLENE GLYCOL MONOMETHYL ETHER								50
SILICA, AMORPHOUS	20 (b)	80 mg/m3 percent SiO2+2			1,3			
SILICA, CRYSTALLINE	a	50 µg/m³ [25 µg/m³ Action Level]			[1,3]; [3];	1		
STODDARD SOLVENT	500	2900			1			100
TITANIUM DIOXIDE		15			1			
VM & P NAPHTHA	500	2000			1			(L)
XYLENE	100	435			1			20

Chemical Name	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis
ALUMINUM SILICATE HYDRATE	1 (R)			A4	A4	Pneumoconiosis; LRT irr; neurotoxicity
CALCIUM CARBONATE						
ETHYLBENZENE				A3	OTO;BEI	URT & eye irr; ototoxicity; kidney eff; CNS impair
LACQUER DILUENT NAPHTHA						
N-HEPTANE		500				CNS impair; URT irr
OCTANE						URT irr
PROPYLENE GLYCOL MONOMETHYL ETHER		100		A4	A4	Eye & URT irr
SILICA, AMORPHOUS						
SILICA, CRYSTALLINE	0.025 (R)			A2	A2	Pulmonary fibrosis; lung cancer
STODDARD SOLVENT	[(L)]; [5 (I)];			[A2]; [A4];	[A2]; [A4];	Eye, skin, & kidney dam; nausea; CNS impair
TITANIUM DIOXIDE	0.2 (R)(Nano), 2.5 (R)			A3		LRT irr; pneumoconiosis
VM & P NAPHTHA	[(L)]; [5 (I)];			[A2]; [A4];	[A2]; [A4];	URT irr
XYLENE						Eye irr & URT irr, hemotologic effects; CNS impair

(L) - Exposure by all routes should be carefully controlled to levels as low as possible, (R) - Respirable fraction, A2 - Suspected Human Carcinogen, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, CNS - Central nervous system, dam - Damage, eff - Effects, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, URT - Upper respiratory tract

The information in this Section does not list non-hazardous components that might have relevant ACGIH TWA (mg/m3), ACGIH Carcinogen, ACGIH Notations, ACGIH TLV Basis regulatory values, if they are present at less than 10%. Please contact manufacturer for more information.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	10.53960 lb/gal
% Solids By Weight	63.29980%
% VOC	28.73250%
Density VOC	3.02827 lb/gal
VOC Regulatory	3.34046 lb/gal
VOC Regulatory	398.28000 g/l
Appearance	liquid
Odor Threshold	N/A

Odor Description	N/A
pH	N/A
Water Solubility	Insoluble
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

SECTION 10) STABILITY AND REACTIVITY

Chemical Stability

Stable.

Possibility of Hazardous Reactions/Polymerization

The chemical reaction that causes this product to cure releases heat, especially in closed mixing vessels.

Conditions To Avoid

Avoid excessive heat, sparks, flame and contact with incompatible materials.

Incompatible Materials

Strong oxidizers and acids.

Hazardous Decomposition Products

May produce fumes when heated to decomposition.

Fumes may contain carbon monoxide and oxides of nitrogen.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Prolonged contact may produce temporary reddening of skin.

Prolonged or repeated exposure can cause moderate skin irritation, defatting and dermatitis.

Causes mild skin irritation

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The substance and the vapour in high concentrations can be irritating to the skin.

Serious Eye Damage/Irritation

Direct contact may cause eye irritation.

Eye contact will result in severe irritation, redness, tearing and blurred vision.

Causes serious eye irritation

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The substance and the vapour in high concentrations can be irritating to the eyes.

0000142-82-5 N-HEPTANE

Can irritate the eyes.

Respiratory/Skin Sensitization

May contain products that will irritate mucous membrane and respiratory tract.

Vapors are irritating to eyes, nose and throat.

Allergic responses may develop.

May cause an allergic skin reaction

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The substance and the vapour in high concentrations can be irritating to the respiratory tract.

0000142-82-5 N-HEPTANE

Repeated exposure may cause skin rash, dryness and redness.

Germ Cell Mutagenicity

May cause genetic defects.

Carcinogenicity

Risk of lung cancer depends on duration and level of exposure.

May cause cancer

Reproductive Toxicity

Suspected of damaging fertility or the unborn child

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The NOAEL for paternal toxicity is 300 ppm and for offspring toxicity is 1000 ppm. The NOAEL for maternal and fetotoxicity was considered to be 1500 ppm. Effects appear secondary to parental weight loss.

Specific Target Organ Toxicity - Single Exposure

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

Exposure to very high concentrations could cause depression of the central nervous system.

0000142-82-5 N-HEPTANE

May affect the nervous system.

Specific Target Organ Toxicity - Repeated Exposure

Reports have associated repeated & prolonged exposure to solvents with permanent brain & nervous system damage.

Causes damage to organs through prolonged or repeated exposure.

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The substance defats the skin, which may cause dryness or cracking. Prolonged exposure to vapors may cause coughing, shortness of breath, dizziness and intoxication.

0064742-49-0 VM & P NAPHTHA

Repeated exposure may cause skin dryness or cracking. Repeated exposure affects the nervous system

Chronic Exposure

0000100-41-4 ETHYLBENZENE

CARCINOGENIC EFFECTS: Ethyl Benzene has been listed by IARC as Group 2B, Possibly Carcinogenic to Humans.

TERATOGENIC EFFECTS: Ethyl Benzene has been Classified as POSSIBLE for humans.

0001330-20-7 XYLENE

High exposure to Xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus.

Xylene in high concentrations has caused embryotoxic effects in laboratory animals.

0014808-60-7 SILICA, CRYSTALLINE

Prolonged inhalation of respirable crystalline silica dust can result in lung disease (i.e. silicosis and/or lung cancer). Symptoms include coughing, shortness of breath, wheezing and reduced pulmonary function.

Aspiration Hazard

May be fatal if swallowed and enters airways

0064742-49-0 VM & P NAPHTHA

Harmful by ingestion (may cause lung damage by aspiration).

Potential Health Effects - Miscellaneous

0000100-41-4 ETHYLBENZENE

Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects. WARNING: This chemical is known to the State of California to cause cancer.

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

Tests in laboratory animals have shown effects on any of the following organs/systems: kidneys, liver. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

0000142-82-5 N-HEPTANE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, respiratory system, skin. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

0001330-20-7 XYLENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

0013463-67-7 TITANIUM DIOXIDE

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m³ respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m³ level are not relevant to the workplace. Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.'

0014808-60-7 SILICA, CRYSTALLINE

Is an IARC, NTP or OSHA carcinogen. Repeated overexposure to crystalline silica may lead to x-ray changes and chronic lung disease. Inhalation of high dust concentrations may cause: breathing difficulties, lung injury. WARNING: This chemical is known to the State of California to cause cancer.

Acute Toxicity

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Intentional misuse by deliberately concentrating & inhaling vapors of this product may be harmful or fatal.

0000142-82-5 N-HEPTANE

Exposure can cause headache, lightheadedness, dizziness, lack of coordination and loss of consciousness.

0064742-49-0 VM & P NAPHTHA

May cause Central Nervous System (CNS) depression

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The substance can be absorbed into the body by inhalation of its aerosol or vapour, through the skin and by ingestion.

0000142-82-5 N-HEPTANE

Can be absorbed into the body by inhalation of its vapor, through the skin and by ingestion.

0064742-49-0 VM & P NAPHTHA

Exposure may occur via inhalation, ingestion, skin absorption, skin or eye contact, and accidental ingestion.

0000100-41-4 ETHYLBENZENE

LC50 (inhalation, rat): 4000 ppm; 4-hour exposure (3)

LD50 (oral, rat): 3.5 g/kg (1,3,5,10)

LD50 (oral, rat): 4.72 g/kg (3,5,7,8)

LD50 (dermal, rabbit): 17.8 g/kg (11)

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

LC50 (rat): 15000 ppm; 4-hr exposure (2)

LC50 (guinea pig): 15000 ppm; 10-hr exposure (2)

LD50 (oral, rat): 6.6 g/kg (5.2-7.5 g/kg) (10)

LD50 (oral, mouse): 10.7-10.8 g/kg (2,12)

LD50 (oral, dog): 4.6-5.5 g/kg (2); approximately 9.2 g/kg (2)

LD50 (oral, rabbit): 5.2-5.3 g/kg (2,12)

LD50 (dermal, rabbit): 13-14 g/kg (10)

0001330-20-7 XYLENE

LC50 (rat): 6350 ppm (4-hour exposure) (unspecified isomers and ethylbenzene) (1) LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2) ethylbenzene) (1)

LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2)

LD50 (oral, rat): 5400 mg/kg (52% m-, 19% o-, 24% p-) (1) LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)

LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

0008052-41-3 STODDARD SOLVENT

LC50 (rat): greater than 5500 mg/m³ (880 ppm) (whole body exposure for 4 hours) (1)

LC50 (rat): greater than 8200 mg/m³ (1300 ppm) (2)

LD50 (oral, rat): greater than 5 g/kg (1)

LD50 (dermal, rabbit): greater than 3 g/kg (1)

0013463-67-7 TITANIUM DIOXIDE

LC50 (inhalation, Rat): >5.09 mg/L ; 4-hr exposure

Test atmosphere: dust/mist

No mortality observed at this dose.

LD50 Rat: > 5000 mg/kg

LD50 Hamster: > 10000 mg/kg

0000142-82-5 N-HEPTANE

LC50 (rat): approximately 25000 ppm (4-hour exposure); cited as 103 g/m³ (4-hour exposure) (6)

LD50 (oral, rat): Greater than 15000 mg/kg (4)

0000111-65-9 OCTANE

LC50 (rat): 28,438 ppm (118,000 mg/m³); 4-hr exposure (unconfirmed),(10)

SECTION 12) ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

Persistence and Degradability

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

Readily biodegradable in water. Half-life in air = 3.1 hours.

0001330-20-7 XYLENE

50% of applied radiolabelled o-xylene was mineralised in 23 days, and 50% p-xylene was mineralised in 13 days.

0064742-49-0 VM & P NAPHTHA

Expected to be readily biodegradable

Bioaccumulative Potential

0064742-49-0 VM & P NAPHTHA

Has the potential to bioaccumulate.

Mobility in Soil

0064742-49-0 VM & P NAPHTHA

If it enters soil, it will adsorb to soil particles and will not be mobile

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

0000107-98-2 PROPYLENE GLYCOL MONOMETHYL ETHER

The substance is not PBT / vPvB.

0000142-82-5 N-HEPTANE

The substance is not PBT / vPvB.

0064742-49-0 VM & P NAPHTHA

The substance is not PBT / vPvB.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

Proper Shipping Name: PAINT
Identification Number : UN/NA 1263
Hazard Class:3
Packing group: II

IMDG Information

Proper Shipping Name: PAINT
Identification Number : UN/NA 1263
Hazard Class:3
Packing group: II
Marine Pollutant : No data available

IATA Information

Proper Shipping Name: PAINT
Identification Number : UN/NA 1263
Hazard Class:3
Packing group: II

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0001317-65-3	CALCIUM CARBONATE	20% - 33%	SARA312, TSCA - Toxic Substances Control Act (TSCA)

CAS	Chemical Name	% By Weight	Regulation List
PROPRIETARY	PROPRIETARY MIXTURE OF SUBSTANCES	9% - 21%	SARA312
0068410-97-9	LACQUER DILUENT NAPHTHA	8% - 18%	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0013463-67-7	TITANIUM DIOXIDE	7% - 17%	SARA312, TSCA - Toxic Substances Control Act (TSCA), CA_Carcinogen, CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0008052-41-3	STODDARD SOLVENT	6% - 14%	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000616-38-6	CARBONIC ACID, DIMETHYL ESTER	5% - 11%	SARA312, VOC_exempt, TSCA - Toxic Substances Control Act (TSCA)
0064742-49-0	VM & P NAPHTHA	1.6% - 4%	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0001335-30-4	ALUMINUM SILICATE HYDRATE	0.1% - 1.7%	SARA312, TSCA - Toxic Substances Control Act (TSCA)
0001330-20-7	XYLENE	0.1% - 1.6%	SARA313, HAPS, SARA312, OC_HAPS, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000142-82-5	N-HEPTANE	0.1% - 1.4%	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000111-65-9	OCTANE	0.1% - 1.4%	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0007631-86-9	SILICA, AMORPHOUS	0.1% - 1.3%	SARA312, TSCA - Toxic Substances Control Act (TSCA)
0000100-41-4	ETHYLBENZENE	0.0% - 0.4%	SARA313, HAPS, SARA312, OC_HAPS, VOC, TSCA - Toxic Substances Control Act (TSCA), CA_Carcinogen, CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0000096-29-7	2-BUTANONE OXIME	0.0% - 0.4%	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0014808-60-7	SILICA, CRYSTALLINE	0.0% - 0.3%	SARA312, TSCA - Toxic Substances Control Act (TSCA), CA_Carcinogen, CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0000136-51-6	CALCIUM 2-ETHYLHEXANOATE	0.0% - 0.3%	SARA312, TSCA - Toxic Substances Control Act (TSCA)
0000136-52-7	COBALT OCTATE	Trace	SARA313, HAPS, SARA312, TSCA - Toxic Substances Control Act (TSCA)
0000107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	Trace	SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)

The information in this Section does not list non-hazardous components that might have relevant TSCA - Toxic Substances Control Act (TSCA), VOC, SARA312 regulatory values, if they are present at less than 10%. Please contact manufacturer for more information.



WARNING: This product can expose you to chemicals including TITANIUM DIOXIDE, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16) OTHER INFORMATION

General

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

HMIS

Health	/ 3
FLAMMABILITY	3
Physical Hazard	0
Personal Protection	X

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

Version 2.0:

Revision Date: Mar 27, 2025

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