

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: MIRA 722W
Product Name: MIRAVAR CV WHITE - SATIN
Revision Date: Jan 11, 2019 **Date Printed:** Jan 11, 2019
Version: 3.0 **Supersedes Date:** Dec 28, 2016
Manufacturer's Name: Mira
Address: 473 West 17th Street, Holland, MI 49423
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SECTION 2) HAZARDS IDENTIFICATION

Classification

Acute aquatic toxicity - Category 2
Acute toxicity Dermal - Category 4
Acute toxicity Inhalation - Category 4
Acute toxicity Oral - Category 4
Aspiration Hazard - Category 1
Carcinogenicity - Category 1B
Chronic aquatic toxicity - Category 2
Eye Irritation - Category 2
Flammable Liquids - Category 2
Germ Cell Mutagenicity - Category 1B
Reproductive Toxicity - Category 1B
Skin Irritation - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2
Specific Target Organ Toxicity - Single Exposure - Category 1

Pictograms



Signal Word

Danger

Hazardous Statements - Physical

H225 - Highly flammable liquid and vapor

Hazardous Statements - Health

H312 - Harmful in contact with skin

H332 - Harmful if inhaled
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H350 - May cause cancer
H319 - Causes serious eye irritation
H340 - May cause genetic defects.
H360 - May damage fertility or an unborn child
H315 - Causes skin irritation
H373 - May cause damage to organs through prolonged or repeated exposure.
H370 - Causes damage to organs

Hazardous Statements - Environmental

H401 - Toxic to aquatic life
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.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
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.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response

P302 + P352 - IF ON SKIN: Wash with plenty of water.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P321 - For specific treatment see section 4.
P362 + P364 - Take off contaminated clothing. And wash it before reuse.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 - Rinse mouth.
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.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P314 - Get Medical advice/attention if you feel unwell.

P308 + P311 - IF exposed or concerned: Call a POISON CENTER/doctor.

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 29.7% of the mixture is unknown

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0001330-20-7	XYLENE	6% - 14%
0068410-97-9	LACQUER DILUENT NAPHTHA	5% - 11%
0000067-56-1	METHANOL	4% - 9%
0000108-88-3	TOLUENE	3% - 8%
0000064-17-5	ETHYL ALCOHOL	3% - 7%
0000085-68-7	BUTYL BENZYL PHTHALATE	1.8% - 4%
0000100-41-4	ETHYLBENZENE	1.4% - 3%
0000123-86-4	BUTYL ACETATE	0.2% - 3%
0112945-52-5	SILICA, AMORPHOUS FUMED	0.2% - 3%
0001335-30-4	ALUMINUM SILICATE HYDRATE	0.1% - 1.0%
0008052-41-3	STODDARD SOLVENT	0.0% - 0.5%
0000071-36-3	N-BUTYL ALCOHOL	0.0% - 0.3%
0000141-78-6	ETHYL ACETATE	0.0% - 0.3%
0000067-63-0	ISOPROPYL ALCOHOL	Trace
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	Trace
0000084-74-2	DIBUTYL PHTHALATE	Trace
0000050-00-0	FORMALDEHYDE	Trace
0014808-60-7	SILICA, CRYSTALLINE	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 unwell : Call a POISON CENTER/doctor

Skin Contact

Take off immediately contaminated clothing. Rinse skin with water/shower and mild soap for 5 minutes or until product is removed. Store contaminated clothing under water and wash before re-use or discard.

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 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. If you feel unwell or are concerned : Get medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

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 in Case of Fire

Vapors are heavier than air and may travel along the ground to ignition sources at locations distant from material handling point.

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

Closed containers may rupture due to pressure buildup when exposed to extreme heat.

Dried solids can burn.

Fire-fighting Procedures

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 Actions

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.

Recommended 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.

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

Absorb spill with inert absorbent.

Dike area to contain spill.

SECTION 7) HANDLING AND STORAGE

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.

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.

SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

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.

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.

Appropriate Engineering Controls

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

A suitable, NIOSH-approved respirator and goggles should be worn when standing or grinding objects coated with this paint.

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)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen
ALIPHATIC, LIGHT	500	2000			1			(L)[N159] (L)[N800]	[(L) [N159](L)			[A2 [N159]A2

HYDROCARBON SOLVENT								[N800]; [5 (I) [N159]5 (I) [N800];		[N800]; [A4 [N159]A4 [N800];
ALUMINUM SILICATE HYDRATE								1 (R)		A4
BUTYL ACETATE	150	710			1		50		150	
DIBUTYL PHTHALATE		5			1			5		
ETHYL ACETATE	400	1400			1		400			
ETHYL ALCOHOL	1000	1900			1				1000	A3
ETHYLBENZENE	100	435			1		20			A3
FORMALDEHYDE	0.75 (a)		2 / 15minute s		1,2	1		0.1	0.3	A1
ISOPROPYL ALCOHOL	400	980			1		200		400	A4
LACQUER DILUENT NAPHTHA	500	2000			1					
METHANOL	200	260			1		200		250	
N-BUTYL ALCOHOL	100	300			1		20			
SILICA, CRYSTALLINE	a	[10 mg/m3 percent SiO2+2 / 250 percent SiO2+5 mppcf]; [30 mg/m3 percent SiO2+2];			[1,3]; [3];				0.025 (R)	A2
STODDARD SOLVENT	500	2900			1		100	[(L)]; [5 (I)];		[A2]; [A4];
TOLUENE	200 (a)/ 300 ceiling	0.2	500ppm /10 minutes (a)		1,2		20			A4
XYLENE	100	435			1		100		150	A4

Chemical Name	ACGIH Notations	ACGIH TLV Basis
ALIPHATIC, LIGHT HYDROCARBON SOLVENT	[A2 [N159]A2 [N800]; [A4 [N159]A4 [N800];	URT irr [N159]U RT irr [N800]
ALUMINUM SILICATE HYDRATE	A4	Pneumoc oniosis; LRT irr; neurotoxi city
BUTYL ACETATE		Eye & URT irr

DIBUTYL PHTHALATE		Testicular dam; eye & URT irr
ETHYL ACETATE		URT & eye irr
ETHYL ALCOHOL	A3	URT irr
ETHYLBENZENE	A3; BEI	URT irr; Kidney dam (nephropathy); Cochlear impair
FORMALDEHYDE	DSEN; RSEN; A1	URT & eye irr; URT cancer
ISOPROPYL ALCOHOL	A4; BEI	Eye & URT irr; CNS impair
LACQUER DILUENT NAPHTHA		
METHANOL	Skin; BEI	Headache; eye dam; dizziness; nausea
N-BUTYL ALCOHOL		Eye & URT irr
SILICA, CRYSTALLINE	A2	Pulmonary fibrosis; lung cancer
STODDARD SOLVENT	[A2]; [A4];	Eye, skin, & kidney dam; nausea; CNS impair
TOLUENE	A4; BEI	Visual impair; female repro; pregnancy loss
XYLENE	A4; BEI	URT & eye irr; CNS impair

(C) - Ceiling limit, (R) - Respirable fraction, A1 - Confirmed Human Carcinogen, A2 - Suspected Human Carcinogen, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, DSEN - Dermal sensitization, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, repro - reproductive, RSEN - Respiratory sensitization, URT - Upper respiratory tract

The information in this Section does not list components that might have relevant ACGIH Notations, ACGIH TLV Basis, OSHA TWA (mg/m3), OSHA Tables (Z1, Z2, Z3), ACGIH TWA (mg/m3), ACGIH Carcinogen regulatory values, if they are present at less than 25%. Please contact manufacturer for more information.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	9.72159 lb/gal
% Solids By Weight	56.39740%
% VOC	39.56000%
Density VOC	3.84586 lb/gal
VOC Regulatory	3.96406 lb/gal
VOC Regulatory	475.01400 g/l

Appearance	N/A
Odor Threshold	N/A
Odor Description	N/A
pH	N/A
Water Solubility	N/A
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

Stability

Stable.

Conditions to Avoid

Excessive heat.

Hazardous Reactions/Polymerization

No data available.

Incompatible Materials

Strong oxidizers.

Hazardous Decomposition Products

May produce fumes when heated to decomposition.

Fumes may contain carbon monoxide and carbon dioxide.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely route of exposure

Ingestion, Inhalation, Skin absorption

Skin Corrosion/Irritation

Causes skin irritation

Serious Eye Damage/Irritation

Causes serious eye irritation

Respiratory/Skin Sensitization

No Data Available

Germ Cell Mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer

Reproductive Toxicity

May damage fertility or an unborn child

Specific Target Organ Toxicity - Single Exposure

Causes damage to organs

Specific Target Organ Toxicity - Repeated Exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard

May be fatal if swallowed and enters airways

Acute Toxicity

Harmful in contact with skin

Harmful if inhaled

Harmful if swallowed

0000050-00-0 FORMALDEHYDE

LC50 (rat): 8000 ppm (4-hour exposure) (24)

LD50 (oral, male rat): 2500 mg/kg (25)

LD50 (oral, rat): 2920 mg/kg (26)

LD50 (dermal, guinea pig): greater than 15000 mg/kg (cited as greater than 0.94 mL/kg) (27)

LD50 (dermal, rat): 5070 mg/kg (28, unconfirmed)

0000064-17-5 ETHYL ALCOHOL

LC50 (mouse): Approximately 21000 ppm (4-hour exposure); cited as 39 g/m³ (4-hour exposure) (1, unconfirmed)

LD50 (oral, rat): 7060 mg/kg (41); 10600 mg/kg (41); 13660 mg/kg (37)

LD50 (oral, mouse): 3450 mg/kg (1, unconfirmed)

LD50 (oral, guinea pig): 5560 mg/kg (37)

0000067-56-1 METHANOL

LC50 (rat): 64000 ppm (4-hour exposure) (14, unconfirmed)

LD50 (oral, rat): 5628 mg/kg (14, unconfirmed)

LD50 (oral, 14-day old rat): 5850 mg/kg (cited as 7.4 mL/kg) (15)

LD50 (oral, young adult rat): 10280 mg/kg (cited as 13.0 mL/kg) (15)

LD50 (oral, monkey): 3000 mg/kg (1/1 animal died) (16) LD50 (dermal, rabbit): 15800 mg/kg (cited as 20 mL/kg) (17 citing unpublished information)

0000067-63-0 ISOPROPYL ALCOHOL

LC50 (rat): 17000 ppm (4-hour exposure); cited as 12000 ppm (8-hour exposure) (18)

LD50 (oral, male rat): 4710 mg/kg (cited as 6.0 mL/kg) (19)

LD50 (oral, mouse): 3600 mg/kg (20, unconfirmed)

LD50 (dermal, rabbit): 12870 mg/kg (cited as 16.4 mL/kg) (14)

0000071-36-3 N-BUTYL ALCOHOL

LC50 (rat): greater than 8000 ppm (4-hour exposure) (14)

LD50 (oral, rat): 2510 mg/kg (15)

LD50 (oral, male rat): 790 mg/kg (16)*

LD50 (oral, female rat): 2020 mg/kg (16)* *(Note: the rats used in this study appear to have been very young (60-100 grams).)

LD50 (oral, hamster): 1200 mg/kg (11, original)

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)

0000108-88-3 TOLUENE

LC50 (rat): 8800 ppm (4-hour exposure) (2)

LC50 (rat): 6000 ppm (6-hour exposure) (3)

LD50 (oral, rat): 2600 to 7500 mg/kg (3,5,11,17)

LD50 (oral, neonatal rat): less than 870 mg/kg (3)

LD50 (dermal, rabbit): 12,225 mg/kg (reported as 14.1 ml/kg) (1)

0000123-86-4 BUTYL ACETATE

LC50 (rat): 1802 mg/m³; 4-hour exposure (aerosol)(9) Note: A lower LC50 (aerosol) value of 760 mg/m³ (160 ppm); 4-hour exposure has been reported.(11,27) Extensive research has failed to confirm this value.

LD50 (oral, rat): 10770 mg/kg (12, unconfirmed)

LD50 (oral, mouse): 7100 mg/kg (5)

LD50 (oral, rabbit): 7400 mg/kg (cited as 64 millimols/kg) (13)

LD50 (dermal, rabbit): Greater than 5000 mg/kg (3, unconfirmed)

0000141-78-6 ETHYL ACETATE

LC50 (rat): 19600 ppm (4-hour exposure); cited as 16000 ppm (6-hour exposure) (10)

LC50 (mouse): 10600 ppm (38100 mg/m³) (4-hour exposure); cited as 44000 mg/m³ (3-hour exposure) (8)

LD50 (oral, rat): 10200 mg/kg (cited as 11.3 mL/kg) (7); 5600 mg/kg (5,13)

LD50 (oral, mouse): 4100 mg/kg (11)

LD50 (oral, rabbit): 4900 mg/kg (9)

LD50 (oral, guinea pig): 5500 mg/kg (11)

LD50 (dermal, rabbit): Greater than 18000 mg/kg (cited as 20 mL/kg) (7)

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)

0000084-74-2 DIBUTYL PHTHALATE

LC50 (mouse): 17680 mg/m³ (4-hour exposure); cited as 25000 mg/m³ (2-hour exposure) (12)

LD50 (oral, rat): 8000 mg/kg (1)

LD50 (oral, mouse): 4840 mg/kg (10, unconfirmed)

SECTION 12) ECOLOGICAL INFORMATION

Bio-accumulative Potential

No data available.

Persistence and Degradability

No data available.

Mobility in Soil

No data available.

Toxicity

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

Other adverse effects

No data available.

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

REGULATORY INFORMATION

TSCA Inventory: All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List: All components of this product are listed on the Domestic Substances List

CAS	Chemical Name	% By Weight	Regulation List
0001330-20-7	XYLENE	6% - 14%	Canada_NPRI,DSL,HAPS,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0068410-97-9	LACQUER DILUENT NAPHTHA	5% - 11%	DSL,SARA312
0000067-56-1	METHANOL	4% - 9%	Canada_NPRI,DSL,HAPS,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000108-88-3	TOLUENE	3% - 8%	Canada_NPRI,DSL,HAPS,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000064-17-5	ETHYL ALCOHOL	3% - 7%	Canada_NPRI,DSL,SARA312
0000085-68-7	BUTYL BENZYL PHTHALATE	1.8% - 4%	Canada_NPRI,DSL,SARA312
0000100-41-4	ETHYLBENZENE	1.4% - 3%	Canada_NPRI,DSL,HAPS,SARA312,CA_Carcinogen,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000123-86-4	BUTYL ACETATE	0.2% - 3%	Canada_NPRI,DSL,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0112945-52-5	SILICA, AMORPHOUS FUMED	0.2% - 3%	DSL,SARA312
0001335-30-4	ALUMINUM SILICATE HYDRATE	0.1% - 1.0%	DSL,SARA312
0008052-41-3	STODDARD SOLVENT	0.0% - 0.5%	Canada_NPRI,DSL,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000071-36-3	N-BUTYL ALCOHOL	0.0% - 0.3%	Canada_NPRI,DSL,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000141-78-6	ETHYL ACETATE	0.0% - 0.3%	Canada_NPRI,DSL,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000067-63-0	ISOPROPYL ALCOHOL	Trace	Canada_NPRI,DSL,SARA312
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	Trace	Canada_NPRI,DSL,SARA312
0000084-74-2	DIBUTYL PHTHALATE	Trace	Canada_NPRI,DSL,HAPS,SARA312,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000050-00-0	FORMALDEHYDE	Trace	Canada_NPRI,DSL,HAPS,SARA312,CA_TAC_Carcinogen,CA_Carcinogen,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0014808-60-7	SILICA, CRYSTALLINE	Trace	DSL,SARA312,CA_Carcinogen

The information in this Section does not list components that might have relevant CA_Carcinogen, Canada_NPRI, DSL, SARA312 regulatory values, if they are present at less than 25%. Please contact manufacturer for more information.

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	/ 2
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 3.0:

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