

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: PB-7831
Product Name: LCM Lacquer Primer
Revision Date: Jun 28, 2016 **Date Printed:** Jun 28, 2016
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: Ceramic Industrial Coatings
Address: 325 Highway 81 Osseo, MN, US, 55369
Emergency Phone: Chemtrec: 1.800.424.9300
Information Phone Number: 763-424-2044
Fax:
Product/Recommended Uses: Paint

SECTION 2) HAZARDS IDENTIFICATION

Classification:

Specific Target Organ Toxicity -Single Exposure (Respiratory Tract Irritation) - Category 3
Skin Irritation - Category 2
Eye Irritation - Category 2A
Carcinogenicity - Category 2
Reproductive Toxicity - Category 2
Flammable Liquids Category 2
Acute aquatic toxicity - Category 3
Chronic aquatic toxicity - Category 3
Acute toxicity Oral Category 5

Pictograms:



Signal Word:

Danger

Hazardous Statements - Physical:

Highly flammable liquid and vapor

Hazardous Statements - Health:

May cause respiratory irritation
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May be harmful if swallowed

Hazardous Statements - Environmental:

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

Precautionary Statements - General:

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

Precautionary Statements - Prevention:

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep container tightly closed.
- Wash hands and face thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid release to the environment.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Ground/bond container and receiving equipment.
- Use explosion-proof [electrical/ventilating/lighting/...] equipment.
- Use only non-sparking tools.
- Take action to prevent static discharges.

Precautionary Statements - Response:

- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Call a POISON CENTER or doctor if you feel unwell.
- IF ON SKIN: Wash with plenty of water.
- Specific treatment (see details on this label).
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing. And wash it before reuse.
- 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 exposed or concerned: Get medical advice/attention.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- In case of fire: Use material listed in SDS section 5 to extinguish.

Precautionary Statements - Storage:

- Store in a well-ventilated place. Store locked up.
- Store locked up.
- Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal:

- 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.
- See recommendations in section 7 for handling and disposal of contaminated articles.

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000123-86-4	BUTYL ACETATE	16% - 26%
0000064-17-5	ETHYL ALCOHOL	11% - 22%
0014807-96-6	TALC	9% - 19%
0013463-67-7	TITANIUM DIOXIDE	8% - 16%

0000067-64-1	ACETONE	7% - 14%
0066070-62-0	ALKYD RESIN	5% - 11%
0009004-70-0	NITROCELLULOSE	5% - 11%
0000067-63-0	ISOPROPYL ALCOHOL	4.1% - 9%
0007631-86-9	SILICA, AMORPHOUS	0.1% - 0.8%
0000557-05-1	ZINC STEARATE	0.1% - 0.5%
0000110-43-0	METHYL N-AMYL KETONE	0.0% - 0.2%
0000109-60-4	N-PROPYL ACETATE	0.0% - 0.2%
0000100-41-4	ETHYLBENZENE	0.0% - 0.1%
0000108-38-3	M-XYLENE	0.0% - 0.1%
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	0.0% - 0.1%
0000106-42-3	P-XYLENE	0.0% - 0.1%
0000095-47-6	O-XYLENE	0.0% - 0.1%
0001314-13-2	ZINC OXIDE	Trace

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

SECTION 4) FIRST-AID MEASURES

Inhalation:

Take precautions to ensure your own safety. (e.g. wear appropriate protective equipment. Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact:

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Store contaminated clothing under water and wash before re-use.

Eye Contact:

Remove source of exposure or move person to fresh air. 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 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/concerned: Get medical advice/attention.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use dry chemical, foam or carbon dioxide to extinguish fire.

Unsuitable Extinguishing Media:

Not available.

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 so safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Special Protective Actions:

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

Care should always be exercised in dust/mist areas.

Use water to keep fire-exposed containers and the surroundings cool.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Recommended Equipment:

Positive pressure, full-facepiece 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.

Emergency Procedure:

Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Collect with absorbent, non-combustible material into suitable containers.

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

Environmental Precautions:

Do not flush to sewer or waterways. Prevent release to the environment if possible.

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 process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Storage Room Requirements:

Keep in a cool, dry, well-ventilated area, away from any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

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 8) EXPOSURE CONTROLS/ PERSONAL PROTECTION**Eye Protection:**

Dust-proof goggles or safety glasses with side shields or vented/splash proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

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. To prevent skin contact wear protective clothing covering all exposed areas. Avoid unnecessary skin contact.

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.

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	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
ACETONE	1000	2400			1			250	590			
BUTYL ACETATE	150	710			1			150	710	200	950	
ETHYL ALCOHOL	1000	1900			1			1000	1900			
ETHYLBENZENE	100	435			1			100	435	125	545	
ISOPARAFFINIC PETROLEUM DISTILLATE	500	2000			1							
ISOPROPYL ALCOHOL	400	980			1			400	980	500	1225	
METHYL N-AMYL KETONE	100	465			1			100	465			
M-XYLENE	100	435			1			100	435	150	655	
N-PROPYL ACETATE	200	840			1			200	840	250	1050	

O-XYLENE	100	435			1			100	435	150	655	
P-XYLENE	100	435			1			100	435	150	655	
SILICA, AMORPHOUS	20 (b)	80 mg/m3 percent SiO2+2			1,3				6			
TALC		20 mppcf			1	1						
TITANIUM DIOXIDE		15			1			b				1
ZINC OXIDE		[15]; [5];			1				5,5c		10d	
ZINC STEARATE		[15]; [5 (a)];			1				10,5a			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis
ACETONE	250		500		A4	A4; BEI	CNS impair; URT & eye irr
BUTYL ACETATE	150	713	200	950			Eye & URT irr
ETHYL ALCOHOL			1000		A3	A3	URT irr
ETHYLBENZENE	20				A3	A3; BEI	URT irr; Kidney dam (nephropathy); Cochlear impair
ISOPARAFFINIC PETROLEUM DISTILLATE							
ISOPROPYL ALCOHOL	200		400		A4	A4; BEI	Eye & URT irr; CNS impair
METHYL N-AMYL KETONE	50	233					Eye & skin irr
M-XYLENE	100	434	150	651	A4	A4; BEI	URT & eye irr; CNS impair
N-PROPYL ACETATE	200	835	250	1040			Eye & URT irr
O-XYLENE	100	434	150	651	A4	A4; BEI	URT & eye irr; CNS impair
P-XYLENE	100	434	150	651	A4	A4; BEI	URT & eye irr; CNS impair
SILICA, AMORPHOUS							
TALC	0.1 f/cc (F) (K)	2 (E,R)			[A1]; [A4];	[A1]; [A4];	[LRT irr]; [Pneumocniosis; lung cancer; mesothelioma];
TITANIUM DIOXIDE		10			A4	A4	LRT irr
ZINC OXIDE		2 (R)		10 (R)			Metal fume fever
ZINC STEARATE							

(F) - Respirable fibers, (K) - Should not exceed 2 mg/m3 respirable particulate mass, 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, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	9.77677 lb/gal
% Solids By Weight	44.85940%
% VOC	44.73674%

Appearance	Liquid
Odor Description	Solvent
Odor Threshold	N.A.
pH	N.A.
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Flash Point Symbol	N.A.
Flash Point	-4 °F
Evaporation Rate	N.A.
Flammability	N/A
Upper Explosion Level	N.A.
Lower Explosion Level	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.
Water Solubility	N.A.
Coefficient Water/Oil	N.A.
Auto Ignition Temp	N.A.
Decomposition Pt	N.A.
Viscosity	N.A.

SECTION 10) STABILITY AND REACTIVITY

Stability:

Stable under normal conditions and use.

Conditions to Avoid:

Avoid temperature above maximum storage temperature.

Avoid great heat, sparks, flame, build up of static electricity and contact with incompatible materials.

Hazardous Polymerization:

Will not occur.

Incompatible Materials:

Not available.

Hazardous Decomposition Products:

No data available.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation:

Causes skin irritation

Serious Eye Damage/Irritation:

Causes serious eye irritation

Respiratory/Skin Sensitization:

No Data Available

Germ Cell Mutagenicity:

No Data Available

Carcinogenicity:

Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Reproductive Toxicity:

Suspected of damaging fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Specific Target Organ Toxicity - Single Exposure:

May cause respiratory irritation

Specific Target Organ Toxicity - Repeated Exposure:

No Data Available

Aspiration Hazard:

No Data Available

Acute Toxicity:

No Data Available

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)

0000067-63-0 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)

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)

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. The sample of n-butyl acetate tested wa

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)

0001314-13-2 ZINC OXIDE

LD50 (oral, mouse): 7950 mg/kg body weight (9)

0000067-64-1 ACETONE

LC50 (male rat): 30000 ppm (4-hour exposure); cited as 71000 mg/m³ (4-hour exposure) (29)

LC50 (male mouse): 18600 ppm (4-hour exposure); cited as 44000 mg/m³ (4-hour exposure) (29)

LD50 (oral, female rat): 5800 mg/kg (24)

LD50 (oral, mature rat): 6700 mg/kg (cited as 8.5 mL/kg) (31)

LD50 (oral, newborn rat): 1750 mg/kg (cited as 2.2 mL/kg) (31)

LD50 (oral, mouse): 3000 mg/kg (32, unconfirmed)

LD50 (dermal, rabbit): Greater than 16000 mg/kg cited as 20 mL/kg) (30)

0000110-43-0 METHYL N-AMYL KETONE

LC100 (rat): 4,000 ppm (4-hour exposure) (8)

LD50 (oral, female rat): 1,670 mg/kg (8)

LD50 (oral, mouse): 730 mg/kg (3; not confirmed)

LD50 (oral, mouse): 2,390 mg/kg; reported as 21.08 mmol/kg (7)

LD50 (dermal, rabbit): 10,300 mg/kg; reported as 12.6 mL/kg (8)

0000557-05-1 ZINC STEARATE

LC50 (rat): Greater than 200 mg/L; 1-hour exposure (50 mg/L - equivalent 4-hour exposure).(1)

LD50 (oral, rat): Greater than 5 g/kg body weight.(1)

LD50 (dermal, rabbit): Greater than 2 g/kg body weight (in cosmetic formulation).(1)

0000108-38-3 M-XYLENE

LC50 (rat): 7330 ppm (4-hour exposure); cited as 5984 ppm (6-hour exposure) (3,17)
LC50 (mouse): 6450 ppm (4-hour exposure); cited as 5267 ppm (6-hour exposure) (3)

LD50 (oral, rat): 5011 mg/kg (3); 6660 mg/kg (3)
LD50 (dermal, rabbit): 12180 mg/kg (3,17)

0000106-42-3 P-XYLENE

LC50 (rat): 4740 ppm (4-hour exposure) (3)
LC50 (mouse): 4800 ppm (4-hour exposure); cited as 3900 ppm (6-hour exposure) (1,4,6)

LD50 (oral, rat): 4030 mg/kg (3); 4550 mg/kg (10)

0000095-47-6 O-XYLENE

LC50 (rat): 5300 ppm (4-hour exposure); cited as 4330 ppm (6-hour exposure) (3)
LC50 (mouse): 5630 ppm (4-hour exposure); cited as 4595 ppm (6-hour exposure) (3,4)

LD50 (oral, rat): 3608 mg/kg (3,16)
LD50 (dermal, rabbit): 20000 mg/kg (3)

0000109-60-4 N-PROPYL ACETATE

LD50 (oral, rat): 8700 mg/kg; cited as 9.8 mL/kg (4)
LD50 (oral, mouse): 8300 mg/kg (5)
LD50 (oral, rabbit): 6600 mg/kg; cited as 65 mmols/kg (6)
LD50 (dermal, rabbit): Greater than 17700 mg/kg; cited as 20 mL/kg (4)

Potential Health Effects - Miscellaneous

0000064-17-5 ETHYL ALCOHOL

The following medical conditions may be aggravated by exposure: liver disease. Tests in some laboratory animals indicate this compound may have embryotoxic activity. Tests in animals demonstrate reproductive toxicity. Ingestion may cause any of the following: stupor (central nervous system depression), gastrointestinal irritation. If absorbed through the skin, may be: harmful.

0000067-63-0 ISOPROPYL ALCOHOL

The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights.

0000067-64-1 ACETONE

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

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.

0000123-86-4 BUTYL ACETATE

May cause abnormal liver function. The following medical conditions may be aggravated by exposure: respiratory system. Tests for embryotoxic activity in animals has been inconclusive. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

0009004-70-0 NITROCELLULOSE

The following medical conditions may be aggravated by overexposure: liver disease, kidney disorders.

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.

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.

SECTION 12) ECOLOGICAL INFORMATION

Toxicity:

No data available.

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

0001314-13-2 ZINC OXIDE

LC50 (fish, species: Rainbow Trout): duration: 96 hours, End point value: 1.1 mg/L, Reference : ECOTOX

EC50 (Crustacean, species: Daphnia magna): duration: 48 hours, End point value: 0.481 mg/L, Reference : ECOTOX

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

Bio-accumulative Potential

0000067-64-1 ACETONE

Does not bioaccumulate

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Contains constituents with the potential to bio accumulate.

Persistence and Degradability

0000067-64-1 ACETONE

91% readily biodegradable, Method: OECD Test Guideline 301B

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

Mobility in Soil

0064742-47-8 ISOPARAFFINIC PETROLEUM DISTILLATE

Floats on water. Contains volatile constituents. Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater.

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:

Shipping Name: Paint related material

UN/NA #: 1263 Hazard Class:3 Packing Group: II

Required Label(s): Flammable

Placards: Combustible

IMDG Information:

Shipping Name: Paint related material
 UN/NA #: 1263 Hazard:3 Packing Group: II
 Required Label(s): Combustible

IATA Information:

Shipping Name: Paint related material
 UN/NA #: 1263 Hazard:3 Packing Group: II
 Required Label(s): Combustible

SECTION 15) REGULATORY INFORMATION

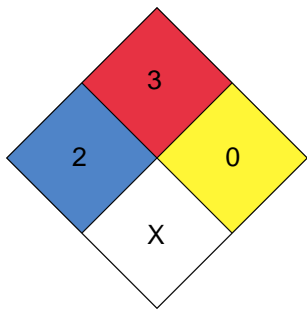
CAS	Chemical Name	% By Weight	Regulation List
0000123-86-4	BUTYL ACETATE	16% - 26%	CERCLA,SARA312,TSCA,MI_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000064-17-5	ETHYL ALCOHOL	11% - 22%	SARA312,TSCA,MI_TOX,ND_TOX,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2006_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2006 and 3 of 4 years)
0014807-96-6	TALC	9% - 19%	SARA312,TSCA,CA_TOX,MI_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0013463-67-7	TITANIUM DIOXIDE	8% - 16%	SARA312,TSCA,CA_Carcinogen,ND_TOX,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2006_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2006 and 3 of 4 years)
0000067-64-1	ACETONE	7% - 14%	CERCLA,SARA312,VOC_exempt,TSCA,RCRA,MI_TOX,MN_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0066070-62-0	ALKYD RESIN	5% - 11%	SARA312,TSCA
0009004-70-0	NITROCELLULOSE	5% - 11%	SARA312,TSCA
0000067-63-0	ISOPROPYL ALCOHOL	4.1% - 9%	SARA312,SARA313,TSCA,CA_TOX,MI_TOX,ND_TOX
0007631-86-9	SILICA, AMORPHOUS	0.1% - 0.8%	SARA312,TSCA,MI_TOX,ND_TOX
0001318-59-8	Chlorite	0.1% - 0.7%	SARA312
0000557-05-1	ZINC STEARATE	0.1% - 0.5%	CERCLA,SARA312,SARA313,TSCA,CA_TOX,MI_TOX,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2006_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2006 and 3 of 4 years)
0021645-51-2	ALUMINUM HYDROXIDE	0.0% - 0.5%	SARA312,TSCA
0000110-43-0	METHYL N-AMYL KETONE	0.0% - 0.2%	SARA312,TSCA,MI_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000109-60-4	N-PROPYL ACETATE	0.0% - 0.2%	SARA312,TSCA,ND_TOX
0014808-60-7	SILICA, CRYSTALLINE	0.0% - 0.2%	SARA312,TSCA,CA_TOX,CA_Carcinogen,ND_TOX,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2006 - Minnesota - Chemicals of High Concern - High Production Volume (2006)
0000100-41-4	ETHYLBENZENE	0.0% - 0.1%	CERCLA,SARA312,SARA313,TSCA,CA_TAC_TOX,CA_TOX,CA_Carcinogen,MI_TOX,MN_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2006_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2006 and 3 of 4 years)
0000108-38-3	M-XYLENE	0.0% - 0.1%	CERCLA,SARA312,SARA313,TSCA,RCRA,CA_TAC_TOX,CA_TOX,MI_TOX,MN_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2006_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2006 and 3 of 4 years)
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	0.0% - 0.1%	SARA312,TSCA,MI_TOX
0000106-42-3	P-XYLENE	0.0% - 0.1%	CERCLA,SARA312,SARA313,TSCA,RCRA,CA_TAC_TOX,CA_TOX,MI_TOX,MN_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000095-47-6	O-XYLENE	0.0% - 0.1%	CERCLA,SARA312,SARA313,TSCA,RCRA,CA_TAC_TOX,CA_TOX,MI_TOX,MN_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0001314-13-2	ZINC OXIDE	Trace	CERCLA,SARA312,SARA313,TSCA,CA_TOX,MI_TOX,ND_TOX

SECTION 16) OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Glossary:

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
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
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



Chronic :

Version 1.0:

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