
SECTION 1) Chemical Product and Supplier's Identification

Product ID : IB-7810
Product Name : EnviroPrime
Revision Date : 01/25/2015
Manufacturer's Name : Ceramic Industrial Coatings
Address : 325 Highway 81 Osseo, MN, US, 55369
Emergency Phone : Chemtrec: 1.800.424.9300
Information Phone : 763-424-2044
Date Printed : 01/25/2015
Product/Recommended Uses: Paint

SECTION 2) Hazards Identification

Classification:

Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3
Skin Irritation - Category 2
Eye Irritation - Category 2A
Carcinogenicity - Category 2
Flammable Liquid Category 2
Reproductive Toxicity - Category 2
Acute Environment - Category 3

Pictograms:



Signal Word:

Warning

Hazardous Statements - Physical:

Highly flammable liquid and vapor

Hazardous Statements - Health:

Causes damage to organs.
May cause drowsiness or dizziness

Causes skin irritation

Causes serious eye irritation

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

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)

Hazardous Statements - Environmental:

Harmful to aquatic life

Precautionary Statements - Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Wash ? thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Use explosion-proof <electrical/ventilating/lighting/...> equipment.

Use only non-sparking tools.

Take action to prevent static discharges.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid release to the environment.

Precautionary Statements - Response:

In case of fire: Use dry chemical, foam, or carbon dioxide to extinguish.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor/... if you feel unwell.

IF ON SKIN: Wash with plenty of water/?

Specific treatment (see ? 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.

Precautionary Statements - Storage:

Store in a well-ventilated place. Keep cool.

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

Store locked up.

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.

SECTION 3) Composition / Information on Ingredients

CAS	Chemical Name	% by Weight
0013463-67-7	TITANIUM DIOXIDE	13% - 27%
0000123-86-4	BUTYL ACETATE	12% - 26%
0007727-43-7	BARIUM SULFATE	10% - 21%
0000064-17-5	ETHYL ALCOHOL	9% - 19%
0066070-62-0	ALKYD RESIN	7% - 14%
0014807-96-6	TALC	4% - 8%
0009004-70-0	NITROCELLULOSE	0.4% - 4.2%
0000067-63-0	ISOPROPYL ALCOHOL	0.2% - 2.1%
0000141-78-6	ETHYL ACETATE	0.2% - 1.7%
0007631-86-9	SILICA, AMORPHOUS	0.1% - 1.4%
0068002-19-7	Urea, polymer with formaldehyde, butylated	0.1% - 1.2%

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 occurs: Get medical advice/attention. Store contaminated clothing under water and wash before re-use.

Eye Contact:

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. 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.

Stop spill release if it can be done so safely. Immediate clean up of spill is recommended.

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-Z1,2,3	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
BARIUM SULFATE												
BUTYL ACETATE												
ETHYL ACETATE												
TALC						1						
TITANIUM DIOXIDE												1

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis
BARIUM SULFATE		5 (I)(E)					
BUTYL ACETATE		713		950			
ETHYL ACETATE		1440					
TALC		2 (E,R)					
TITANIUM DIOXIDE		10					

SECTION 9) Physical and Chemical Properties

Physical Properties

Density [lb/gal]	11.71595 lb/gal
% Solids By Weight	60.75360%
% VOC	39.01946%

Appearance	White 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	20 °F
Evaporation Rate	N.A.
Flammability	Flashpoint below 73 °F
Upper Explosion Level	N.A.
Lower Explosion Level	N.A.
Vapor Density	N.A.
Vapor Pressure	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 great heat, sparks, flame, build up of static electricity and contact with incompatible materials.

Avoid temperature above maximum storage temperature.

Hazardous Polymerization:

Will not occur.

Incompatible Materials:

Not available.

Hazardous Decomposition Products:

No data available.

SECTION 11) Toxicological Information

Germ Cell Mutagenicity:

No data available.

Skin Corrosion/Irritation:

No data available.

Carcinogenicity:

No data available.

Specific Target Organ Toxicity - Single Exposure:

May cause drowsiness or dizziness.

Specific Target Organ Toxicity - Repeated Exposure:

No data available.

Serious Eye Damage/Irritation:

No data available.

Aspiration Hazard:

No data available.

Respiratory/Skin Sensitization:

No data available.

Reproductive Toxicity:

No data available.

Acute Toxicity:

No data available.

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)

0000064-17-5 Ethanol

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)

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 m

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)

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.

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.

0000141-78-6 Ethyl acetate

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver.

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.

SECTION 12) Ecological Information

Toxicity:

No data available.

Bioaccumulative Potential:

No data available.

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:

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

IMDG Information:

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

IATA Information:

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

SECTION 15) Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
0000064-17-5	ETHYL ALCOHOL	9% - 19%	MN_ChemHighConcern - Minnesota Chemicals of High Concern list

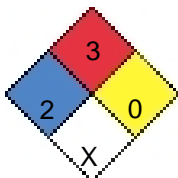
0000123-86-4	BUTYL ACETATE	12% - 26%	CERCLA
0000141-78-6	ETHYL ACETATE	0.2% - 1.7%	CERCLA,RCRA
0013463-67-7	TITANIUM DIOXIDE	13% - 27%	MN_ChemHighConcern - Minnesota Chemicals of High Concern list

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 :



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