



MATERIAL SAFETY DATA SHEET

prepared 07/03/97

ULTRA-HIDE LATEX SEMI-GLOSS INTERIOR WALL & TRIM ENAMEL (WHITE & TINT BASES)

1416

FIRE AND EXPLOSION HAZARD DATA

Extinguishing media : Dry chemical or foam water fog. Carbon dioxide.

Unusual fire and explosion hazards : Closed containers may burst if exposed to extreme heat or fire.

Special fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

HEALTH HAZARD DATA

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, gastro-intestinal disturbances, coughing, apathy, central nervous system depression, anesthetic effect or narcosis, blood abnormalities, kidney damage, loss of consciousness.

Skin contact : Irritation of skin. Skin contact may result in dermal absorption of component(s) of this product which may cause apathy.

Eye contact : Irritation of eyes.

Ingestion : Ingestion may cause dizziness and/or lightheadedness, headache, vomiting, gastro-intestinal disturbances, severe abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, liver damage, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage, death.

Supplemental health information : May be absorbed through skin. Some laboratory tests results have shown ethylene glycol to be an animal teratogen.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders kidney disorders

FIRST AID PROCEDURES

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

REACTIVITY DATA

Stability : Stable

Incompatibility : Oxidizers, acids, reducing agents, aluminum, zinc, magnesium, sodium, potassium. **Conditions to avoid :** Elevated temperatures, contact with oxidizing agent, contact with aluminum or zinc, freezing, open flame.

Hazardous decomposition products : Carbon monoxide, carbon dioxide, oxygen.

Hazardous polymerization : Will not occur

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Ventilate area. Place collected material in proper container. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvageable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

SPECIAL PROTECTION INFORMATION

Respiratory protection : Control environmental concentrations below applicable standards. Where respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA standard 29 CFR 1910.134.

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing, apron.

SPECIAL PRECAUTIONS

Handling and storage : Store below 100f(38c). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under special protection information.

Physical Data

Product Code	Description	Wt./Gal.	VOC gr./ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMS	DOT, proper shipping name
1416-0100	ultra-hide latex semi-gloss interior wall & trim enamel white	10.39	150.86	63.74	none	212-395	*110	paint
1416-0110	white tint base	10.33	157.22	63.91	none	212-395	*110	paint ** protect from freezing **
1416-0300	intermediate tint base	9.89	0.17	64.46	none	212-212	110	paint ** protect from freezing **
1416-0400	deep tint base	9.36	0.03	65.55	none	212-212	110	paint ** protect from freezing **
1416-1000	white-high hiding	10.39	150.86	63.73	none	212-395	*110	paint
1416-1220	ceiling white	10.39	150.86	63.73	none	212-395	*110	paint

Ingredients

Product Codes with % by Weight

	1416-0100	1416-0110	1416-0300	1416-0400	1416-1000	1416-1220
1,2-ethanediol	1-5	1-5			1-5	1-5
kaolin	1-5	1-5	5-10	5-10	1-5	1-5
titanium oxide	10-20	10-20	10-20	1-5	10-20	10-20
acrylic copolymer			20-30	20-30		
2-propenoic acid, butyl ester, polymer with ethenyl acetate	10-20	10-20			10-20	10-20
water	10-20	10-20			10-20	10-20
water	20-30	20-30	50-60	50-60	20-30	20-30
2-propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenylbenzene	1-5	1-5			1-5	1-5

Chemical Hazard Data

CHEMICAL NAME	COMMON NAME	CAS. NO.	ACGH-TLV			OSHA-PEL			S.R.	S	S	C	I	O
			8-HOUR TWA	STEL	8-HOUR TWA	STEL	C	S						
1,2-ethanediol	ethylene glycol	107-21-1	c. 50 ppm	ne	ne	ne	50ppm	ne	ne	ne	n	v	n	n
kaolin	clay	1332-58-7	10 mg/m ³	ne	ne	5 mg/m ³	ne	ne	ne	ne	n	n	n	n
titanium oxide	titanium dioxide	13463-67-7	10 mg/m ³	ne	ne	10 mg/m ³	ne	ne	ne	ne	n	n	n	n
acrylic copolymer	acrylic resin	sup. conf.	ne	ne	ne	ne	ne	ne	ne	ne	n	n	n	n
2-propenoic acid, butyl ester, polymer with ethenyl acetate	butyl acrylate-vinyl acetate polymer	25067-01-0	ne	ne	ne	ne	ne	ne	ne	ne	n	n	n	n
water	water	7732-18-5	ne	ne	ne	ne	ne	ne	ne	ne	n	n	n	n
water	water	7732-18-5	ne	ne	ne	ne	ne	ne	ne	ne	n	n	n	n
2-propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenylbenzene	butyl acrylate-methyl methacrylate-styrene cop	27136-15-8	ne	ne	ne	ne	ne	ne	ne	ne	n	n	n	n

Footnotes:

C = Ceiling - Concentration that should not be exceeded, even instantaneously.

S = Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a = not applicable
ne = not established

ppm = parts per million
mg/m³ = milligrams per cubic meter

S2 = Sara Section 302 EHS
S3 = Sara Section 313 Chemical

CC = CERCLA Chemical
Carcinogenicity Listed By:
N = NTP, I = IARC, O = OSHA
Y = yes, n = no