

HAZARDS IDENTIFICATION (ANSI Section 3)

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, nausea, coughing, central nervous system depression, kidney damage.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis.

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

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

FIRST-AID MEASURES (ANSI Section 4)

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.

FIRE-FIGHTING MEASURES (ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. In closed tanks, water or foam may cause frothing or eruption.

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.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, acrid fumes.

ACCIDENTAL RELEASE MEASURES (ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE (ANSI Section 7)

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.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4).

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

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

STABILITY AND REACTIVITY (ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids. Chlorinated rubber styrene monomer

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame, ignition sources.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION (ANSI Section 11)

Supplemental health information : No additional effects are anticipated

Carcinogenicity : No carcinogenic effects are anticipated

Reproductive effects : No reproductive effects are anticipated

Mutagenicity : No mutagenic effects are anticipated

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen.

ECOLOGICAL INFORMATION (ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS (ANSI Section 13)

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

REGULATORY INFORMATION (ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

Physical Data

(ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMIS	DOT, proper shipping name
1416-0100	ultra-hide latex semi-gloss interior wall & trim enamel white	10.35	162.22	64.11	none	100-477	*210	paint
1416-0110	ultra-hide latex semi-gloss interior wall & trim enamel - white tint base	10.38	141.53	63.43	none	100-477	*210	paint ** protect from freezing **
1416-0120	ultra-hide interior latex semi-gloss enamel pure brilliant white	10.38	141.53	63.43	none	100-477	*210	paint ** protect from freezing **
1416-0300	ultra-hide latex semi-gloss interior wall & trim enamel - intermediate tint base	9.88	1.26	64.25	none	212-212	110	paint ** protect from freezing **
1416-0400	ultra-hide latex semi-gloss interior wall & trim enamel - deep tint base	9.36	2.02	65.44	none	212-212	110	paint ** protect from freezing **
1416-1000	ultra-hide latex semi-gloss interior wall & trim enamel - white-high hiding	10.39	150.86	63.73	none	212-401	*110	paint
1416-1010	ultra-hide latex semi-gloss interior wall & trim enamel, swiss coffee	10.37	150.19	63.61	none	212-401	*210	paint
1416-1020	ultra-hide latex semi-gloss interior wall & trim enamel - antique white	10.39	150.86	63.74	none	212-401	*110	paint
1416-1060	ultra-hide latex semi-gloss interior wall & trim enamel - egret	10.35	157.21	63.79	none	100-477	*210	paint ** protect from freezing **
1416-1070	ultra-hide latex semi-gloss interior wall & trim enamel - soft off white	10.38	141.53	63.43	none	100-477	*210	paint ** protect from freezing **
1416-1090	ultra-hide latex semi-gloss interior wall & trim enamel - white pearl	10.38	141.53	63.43	none	100-477	*210	paint ** protect from freezing **
1416-1100	ultra-hide latex semi-gloss interior wall & trim enamel - white whisper	10.38	141.53	63.43	none	100-477	*210	paint ** protect from freezing **
1416-1120	ultra-hide latex semi-gloss interior wall & trim enamel - french white	10.38	141.53	63.43	none	100-477	*210	paint ** protect from freezing **
1416-1130	ultra-hide latex semi-gloss interior wall & trim enamel - bone white	10.39	150.89	63.74	none	212-401	*110	paint

Ingredients

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	1416-0100	1416-0110	1416-0120	1416-0300	1416-0400	1416-1000	1416-1010	1416-1020	1416-1060	1416-1070	1416-1090	1416-1100	1416-1120	1416-1130
1,2-ethanediol	ethylene glycol	107-21-1	1-5	1-5	1-5			1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
kaolin	clay	1332-58-7	1-5	1-5	1-5	5-10	5-10	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
titanium oxide	titanium dioxide	13463-67-7	10-20	10-20	10-20	10-20	1-5	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
aluminum hydroxide	aluminum hydroxide	21645-51-2				1-5										
2-propenoic acid, butyl ester, polymer with ethenyl acetate	vinyl acrylic latex	25067-01-0	20-30	20-30	20-30			10-20	10-20	10-20	20-30	20-30	20-30	20-30	20-30	10-20
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	texanol	25265-77-4	1-5	1-5	1-5						1-5	1-5	1-5	1-5	1-5	
2-propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethenylbenzene	butyl acrylate-methyl methacrylate-styrene copolymer	27136-15-8						1-5	1-5	1-5						1-5
silica	amorphous silica	7631-86-9				1-5										
water	water	7732-18-5	40-50	40-50	40-50	50-60	50-60	40-50	40-50	40-50	40-50	40-50	40-50	40-50	40-50	40-50
acrylic resin	acrylic resin	Sup. Conf.				20-30	20-30									

Chemical Hazard Data

(ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	ACGIH-TLV				OSHA-PEL				S.R. Std.	S2	S3	CC								
		8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S					H	M	N	I	O			
ethylene glycol	107-21-1	not est.	not est.	100 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	y	y	y	n	n	n	n
clay	1332-58-7	2 mg/m3	not est.	not est.	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
titanium dioxide	13463-67-7	10 mg/m3	not est.	not est.	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
aluminum hydroxide	21645-51-2	10 mg/m3	not est.	not est.	not est.	not est.	not est.	5 mg/m3	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
vinyl acrylic latex	25067-01-0	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	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
not est.=not established
CC=CERCLA Chemical

ppm=parts per million
mg/m3=milligrams per cubic meter
Sup Conf=Supplier Confidential

S2=Sara Section 302 EHS
S3=Sara Section 313 Chemical
S.R.Std.=Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant
P=Pollutant, S=Severe Pollutant
Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no

Chemical Hazard Data (Continued) (ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	ACGIH-TLV				OSHA-PEL				S.R. Std.	S2	S3	CC	H	M	N	I	O	
		8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S										
texanol	25265-77-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n	n
butyl acrylate-methyl methacrylate-styrene copolym	27136-15-8	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n	n
amorphous silica	7631-86-9	10 mg/m3	not est.	not est.	not est.	6 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n	n

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Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no