

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. In closed tanks, water or foam may cause frothing or eruption.

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.

HEALTH HAZARD DATA

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

Effects of overexposure :

Inhalation : Irritation of respiratory tract, lungs. Prolonged inhalation may lead to dizziness and/or lightheadedness, headache, nausea, vomiting, coughing, sneezing, central nervous system depression, anesthetic effect or narcosis, difficulty of breathing, pneumoconiosis.

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

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

Ingestion : Ingestion may cause fatigue, drowsiness, dizziness and/or lightheadedness, nausea, vomiting, diarrhea, gastro-intestinal disturbances, severe abdominal pain, central nervous system depression, central nervous system damage, liver damage, kidney damage, bladder damage, pulmonary edema, loss of consciousness, cyanosis, death.

Supplemental health information : Contains a chemical that is moderately toxic by ingestion. Other effects of overexposure may include toxicity to liver, kidney. May be absorbed through skin. Contains crystalline silica which is considered a hazard by inhalation. IARC has classified crystalline silica as probably carcinogenic for humans (2a). This classification is based on the findings of laboratory animal studies that were considered sufficient and data from epidemiological studies that were considered limited for carcinogenicity. Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. NTP has classified crystalline silica a reasonably anticipated human carcinogen. A study conducted by NTP, using a continuous breeding protocol, demonstrated that diethylene glycol in drinking water at a concentration of 3.5% (6.1 g/kg/day) resulted in decreased fertility and reproductive performance in mice. These effects were not seen in the lower dose levels evaluated. Since the exposure resulting from incidental contact is likely to be lower by several degrees of magnitude and the route of exposure used in this study does not reflect a likely route from occupational or consumer use the significance of these findings to humans is uncertain.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders kidney disorders liver disorders nervous system 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 discomfort. 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, bases, aluminum, zinc, magnesium, sodium, potassium.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, contact with aluminum or zinc, high concentration of dust, freezing, sparks, 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. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Vacuum clean spillage. 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, face shield.

SPECIAL PRECAUTIONS

Handling and storage : Store below 100°F(38°C). 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	HMIS	DOT, proper shipping name
1403-0100	dulux ultra interior acrylic eggshell, white	11.12	111.51	59.12	none	212-477	*110	paint ** protect from freezing **
1403-0110	white tint base	11.12	111.55	59.12	none	212-477	*110	paint ** protect from freezing **
1403-0120	pure brilliant white	11.12	111.55	59.12	none	212-477	*110	paint ** protect from freezing **
1403-0300	intermediate tint base	10.41	65.19	65.77	none	212-477	*110	paint ** protect from freezing **
1403-0400	deep tint base	9.69	62.88		none	212-477	*110	paint ** protect from freezing **
1403-0500	accent base	9.73	58.38	66.38	none	212-477	*110	paint ** protect from freezing **
1403-1000	white-high hiding	11.12	111.36	59.12	none	212-477	*110	paint ** protect from freezing **
1403-1020	antique white	11.13	111.33	59.12	none	212-477	*110	paint ** protect from freezing **
1403-1050	cielo blanco	11.12	111.52	59.12	none	212-477	*110	paint ** protect from freezing **

Ingredients

Product Codes with % by Weight

	1403-0100	1403-0110	1403-0120	1403-0300	1403-0400	1403-0500	1403-1000	1403-1020	1403-1050
ethanol, 2,2'-oxybis-limestone	1-5	1-5	1-5				1-5	1-5	1-5
nepheline syenite	5-10	5-10	5-10			5-10	5-10	5-10	5-10
kieselguhr	1-5	1-5	1-5				1-5	1-5	1-5
quartz				10-20	10-20	10-20			
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
titanium oxide	20-30	20-30	20-30	10-20	1-5	20-30	20-30	20-30	20-30
vinyl acrylic copolymer	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
water	30-40	30-40	30-40	40-50	50-60	50-60	30-40	30-40	30-40
2-propanoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propanoate and ethenylbenzene	1-5	1-5	1-5	1-5	1-5		1-5	1-5	1-5

Chemical Hazard Data

CHEMICAL NAME	COMMON NAME	CAS. NO.	ACGIH-TLV		OSHA-PEL			S.R. STD.	S S C		
			8-HOUR TWA	STEL	8-HOUR TWA	STEL	C		2	3	10
ethanol, 2,2'-oxybis-limestone	diethylene glycol	111-46-6	ne	ne	ne	ne	ne	ne	ne	ne	ne
nepheline syenite	natural calcium carbonate	1317-65-3	10 mg/m ³	ne	5 mg/m ³	ne	ne	ne	ne	ne	ne
kieselguhr	same	37244-96-5	10 mg/m ³	ne	ne	ne	ne	ne	ne	ne	ne
quartz	silica, diatomaceous earth	61790-53-2	10 mg/m ³	ne	6 mg/m ³	ne	ne	ne	ne	ne	ne
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	quartz	14808-60-7	0.1 mg/m ³	ne	0.1 mg/m ³	ne	ne	ne	ne	ne	ne
titanium oxide	texanol	25265-77-4	ne	ne	ne	ne	ne	ne	ne	ne	ne
vinyl acrylic copolymer	titanium dioxide	13463-67-7	10 mg/m ³	ne	5 mg/m ³	ne	ne	ne	ne	ne	ne
water	vinyl acrylic copolymer	sup. conf.	ne	ne	ne	ne	ne	ne	ne	ne	ne
2-propanoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propanoate and ethenylbenzene	water	7732-18-5	ne	ne	ne	ne	ne	ne	ne	ne	ne
	butyl acrylate-methyl methacrylate-styrene copolymer	27136-15-8	ne	ne	ne	ne	ne	ne	ne	ne	ne

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.

ppm = parts per million

S2 = Sara Section 302 EHS

CC = CERCLA Chemical

n/a = not applicable

ne = not established

mg/m³ = milligrams per cubic meter

S3 = Sara Section 313 Chemical

Carcinogenicity Listed By:

N = NTP, I = IARC, O = OSHA

y = yes, n = no

S.R.STD. = Supplier Recommended Standard