

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. 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, lungs. Prolonged inhalation may lead to mucous membrane irritation, coughing, sneezing, respiratory problems.

Skin contact : Irritation of skin.

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

Ingestion : Ingestion may cause gastro-intestinal disturbances.

Supplemental health information : 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.

Medical conditions aggravated by exposure : Eye, skin, respiratory 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. If irritation occurs, consult a physician.

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, aluminum, zinc, magnesium, sodium, potassium.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, contact with aluminum or zinc, high concentration of dust, storage near acids, 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. Evacuate all unnecessary personnel. Place collected material in proper container. Vacuum clean spillage. Complete personal protective equipment must be used during cleanup. 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 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
1200-0100	dulux professional velvet matte flat latex interior, white	11.91	85.36	65.12	none	212-477	*110	paint ** protect from freezing **
1200-0110	white tint base	11.91	85.35	65.12	none	212-477	*110	paint ** protect from freezing **
1200-0120	pure brilliant white	11.91	85.35	65.12	none	212-477	*110	paint ** protect from freezing **
1200-0300	intermediate tint base	10.89	53.25	63.05	none	212-212	*110	paint ** protect from freezing **
1200-0400	deep tint base	10.55	46.15	62.09	none	212-212	*110	paint ** protect from freezing **
1200-0500	accent base	10.01	63.76	69.58	none	212-477	*110	paint
1200-1000	white-high hiding	11.91	85.36	65.12	none	212-477	*110	paint ** protect from freezing **
1200-1020	antique white	11.91	85.36	65.12	none	212-477	*110	paint ** protect from freezing **
1200-1050	cielo blanco	11.91	85.36	65.12	none	212-477	*110	paint ** protect from freezing **

Ingredients

Product Codes with % by Weight

	1200-0100	1200-0110	1200-0120	1200-0300	1200-0400	1200-0500	1200-1000	1200-1020	1200-1050
limestone	5-10	5-10	5-10	10-20	10-20	10-20	5-10	5-10	5-10
kaolin				1-5					
ceramic materials and wares, chemicals	5-10	5-10	5-10		5-10		5-10	5-10	5-10
silicic acid, aluminum magnesium sodium salt	1-5	1-5	1-5				1-5	1-5	1-5
kieselguhr						1-5			
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
quartz	1-10 10-20	1-10 10-20	1-10 10-20	1-10 10-20	5-10 1-5	1-10 10-20	1-10 10-20	1-10 10-20	1-10 10-20
titanium oxide									
acrylic copolymer						10-20			
vinyl acrylic copolymer	5-10 10-20	5-10 10-20	5-10 10-20	10-20	10-20		5-10 10-20	5-10 10-20	5-10 10-20
nepheline syenite									
water	40-50	40-50	40-50	40-50	40-50	50-60	40-50	40-50	40-50

Chemical Hazard Data

CHEMICAL NAME	COMMON NAME	CAS. NO.	ACGIH-TLV		OSHA-PEL			S.R. STD.	S C		
			8-HOUR TWA	STEL	8-HOUR TWA	STEL	C		2	3	10
limestone	natural calcium carbonate	1317-65-3	5 mg/m³	ne	5 mg/m³	ne	ne	ne	ne	ne	ne
kaolin	clay	1332-58-7	10 mg/m³	ne	5 mg/m³	ne	ne	ne	ne	ne	ne
ceramic materials and wares, chemicals	calcined kaolin	66402-68-4	5 mg/m³	ne	5 mg/m³	ne	ne	ne	ne	ne	ne
silicic acid, aluminum magnesium sodium salt	sodium magnesium aluminosilicate	12040-43-6	ne	ne	ne	ne	ne	ne	ne	ne	ne
kieselguhr	silica, diatomaceous earth	61790-53-2	10 mg/m³	ne	10 mg/m³	ne	ne	ne	ne	ne	ne
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	texanol	25265-77-4	ne	ne	ne	ne	ne	ne	ne	ne	ne
quartz	quartz	14808-60-7	0.1 mg/m³	ne	0.1 mg/m³	ne	ne	ne	ne	ne	ne
titanium oxide	titanium dioxide	13463-67-7	10 mg/m³	ne	10 mg/m³	ne	ne	ne	ne	ne	ne
acrylic copolymer	same	sup. conf.	ne	ne	ne	ne	ne	ne	ne	ne	ne
vinyl acrylic copolymer	vinyl acrylic copolymer	sup. conf.	ne	ne	ne	ne	ne	ne	ne	ne	ne
nepheline syenite	nepheline syenite	37244-96-5	5 mg/m³	ne	5 mg/m³	ne	ne	ne	ne	ne	ne
water	water	7732-18-5	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
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

S.R.STD. = Supplier Recommended Standard