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ACGIH TLV/TWA: 10 mg/cu m (Total dust)

5
CAS# 65997-15-1
PORTLAND CEMENT
PCT BY WT: 10 - 30
EXPOSURE LIMIT:
ACGIH TLV/TWA: TLV 10 mg/cu m
OSHA PEL/TWA: 15 mg/cu m (Total dust); 5 mg/cu m (Respirable)

6
CAS# 13463-67-7
TITANIUM DIOXIDE
PCT BY WT: 1 - 5
EXPOSURE LIMIT:
ACGIH TLV/TWA: 10 mg/cu m (Total Dust) - TWA
OSHA PEL/TWA: 10 mg/cu m (Total Dust) - TWA
LD50: Oral (Rat) - >10000 mg/kg

7
CAS# 14808-60-7
CRYSTALLINE SILICA (QUARTZ)
PCT BY WT: 13.8930
EXPOSURE LIMIT:
ACGIH TLV/TWA: TWA 0.1 mg/cu m (Respirable)
OSHA PEL/TWA: TWA 10 mg/cu m (Respirable)
CA PROPOSITION 65: Yes

8
CAS# 14808-60-7
CRYSTALLINE SILICA (QUARTZ)
PCT BY WT: 8.4200
EXPOSURE LIMIT:
ACGIH TLV/TWA: 0.05 mg/cu m
OSHA PEL/TWA: 10 mg/cu m
CA PROPOSITION 65: Yes

9
CAS# 12001-26-2
MICA
PCT BY WT: 1 - 5
EXPOSURE LIMIT:
ACGIH TLV/TWA: 3 mg/m3 (Respirable fraction)
OSHA PEL/TWA: 3 mg/m3 (Respirable fraction)

10
CAS# 14808-60-7
CRYSTALLINE SILICA - QUARTZ
PCT BY WT: .3220
EXPOSURE LIMIT:
ACGIH TLV/TWA: TWA 0.10 mg/cu m (Respirable Dust)

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OSHA PEL/TWA: TWA 0.10 mg/cu m (Respirable Fraction)
CA PROPOSITION 65: Yes

This product contains one or more reported carcinogens or suspected carcinogens which are noted in Section 3, Hazards Identification, CARCINOGENICITY.

This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

- EYES: Exposure to liquid may cause mild eye irritation. Symptoms may include stinging, tearing, and redness.
- SKIN: May cause skin defatting with prolonged exposure. Exposure may cause skin irritation. Prolonged or repeated exposure may dry the skin.
- INHALATION: Causes mild respiratory irritation. Breathing large amounts may be harmful. Symptoms of exposure may include irritation (nose, throat, respiratory tract) and CNS depression.
- INGESTION: Swallowing small amounts of this product during normal handling is not likely to cause harmful effects, but swallowing large amounts may be harmful.

CHRONIC EFFECTS

Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause respiratory and/or skin sensitization.

Long term overexposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued overexposure to silica can lead to cardiopulmonary impairment.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Conditions aggravated by exposure may include skin disorders and respiratory (asthma-like) disorders.

POSSIBLE ROUTES OF ENTRY

Inhalation, ingestion, skin absorption.

CARCINOGENICITY

IARC and NTP have reviewed crystalline silica. Crystalline silica is listed with IARC as Group 1 (carcinogenic to humans). IARC found sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from

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UNUSUAL FIRE AND EXPLOSION HAZARDS

Combustible liquid. Forms combustible mixtures with air at or above the flash point. This product can accumulate static charges, which can cause fire or explosion. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode and flash back.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Spilled material may be absorbed into an appropriate absorbent material. Prevent spilled material from entering sewers, storm drains, other authorized treatment drainage systems, and natural waterways. Stop spill/release if it can be done, and stay away from spill. Isolate danger and keep unauthorized personnel out. Use non-sparking tools and explosion-proof equipment.

CLEAN-UP

Warn occupants in surrounding and downwind areas of fire and explosion hazard to stay clear. Remove from surface with suitable absorbents. If allowed by local authorities, sinking and/or suitable dispersants may be used in non-confined waters.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Keep container closed. Handle and open container with care. Open container slowly to relieve any pressure. Do NOT cut, weld or puncture on or near container.

STORAGE

Keep container(s) tightly closed. Use and store this product in a cool, dry, well-ventilated area away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Keep away from any incompatible material. Protect container(s) against physical damage.

SPECIAL COMMENTS

WARNING: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures and pressures, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION

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Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH for protection against chemicals in Sections (2 &/or 15).

EYE PROTECTION

Wear safety glasses or goggles to protect against exposure. Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses.

PROTECTIVE GLOVES

Appropriate disposable gloves are acceptable, such as, Nitrile rubber gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	LIQUID	
Vapor Pressure	:	2.10	
Vapor Density	:	4.90	
Boiling Point Range	:	Lower - 300.0	°F
		Higher - 400.0	°F
Specific Gravity	:	1.427	
Weight per Volume	:	11.8766	LB/GL
VOC - Total (lb/gal).	:	3.257	
Evaporation Rate	:	.300	(n-Butyl Acetate = 1)
Volatile by Weight	:	27.4209	
Volatile by Volume	:	50.8692	

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

This product is stable.

INCOMPATIBILITIES (Materials to Avoid)

This product can react violently with strong oxidizing agents such as chlorine, oxygen, or strong oxidizing acids, such as, nitric and sulfuric.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Avoid heat, sparks, open flames and other sources of ignition.

HAZARDOUS PRODUCTS OF DECOMPOSITION

Heating to decomposition, as in a fire or welding, may produce

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hazardous fumes. Fumes may contain carbon monoxide, carbon dioxide
and oxides of nitrogen.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Dispose of this product in accordance with applicable local,
county, state and federal regulations, by incinerating, or treating and
disposing in approved facility. Do not incinerate closed containers.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS : NOT REGULATED (In containers less
than 119 gallons or 450 liters via surface transportation).
COMBUSTIBLE LIQUID (In containers of more than 119 gallons capacity)
for surface shipments within the U.S. and Canada, and apply the DOT
information, listed below:
DOT PACKAGING GROUP : PG III
DOT LABEL : NONE
DOT SHIPPING NAME : PAINT
DOT PLACARD : NONE
UN/NA NUMBER : UN1263

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:

All components of this product are either listed on the U.S. Toxic
Substances Control Act (TSCA) inventory of chemicals or are otherwise
compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:

This product contains the following substances subject to the
reporting requirements of Section 313 of Title III of the Superfund
Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

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1,2,4-TRIMETHYLBENZENE
CAS# 95-63-6 PCT BY WT: .05 - 1.5

SECTION 16 - OTHER INFORMATION

Prepared by :
Date of issue : 08/31/2009
Last Revision Date : 02/18/2004
MSDS Prepared for :
MSDS Last Prepared : NONE
HMIS Rating: Health- 2 Flammability- 2
Reactivity- 0

This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200 (g) (4).

The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of mercury; F - Fahrenheit; ACGIH - American Conference of Governmental Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; TWA - Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable IARC - International Agency for Research on Cancer; NE - Not established NTP - National Toxicological Program; CFR - Code of Federal Regulations; OSHA - Z 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC - Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m3 or Mg/Cu M - milligram per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts per million; NIOSH - National Institute of Occupational Safety and Health; MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.