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**COMPLEMENTARY COATINGS CORP**  
**MATERIAL SAFETY DATA SHEET**  
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**43-11**

ALUMINIUM SILICATE

PCT BY WT: 5 - 10

EXPOSURE LIMIT:

ACGIH TLV/TWA: 2 mg/cu m (Respirable fraction)  
OSHA PEL/TWA: 10 mg/cu m (Total dust)  
LD50: Oral (rat) >5000 mg/kg

6 TALC

MAGNESIUM SILICATE HYDRATE

PCT BY WT: 1 - 5

EXPOSURE LIMIT:

ACGIH TLV/TWA: 2 mg/cu m TWA (Respirable fraction)  
OSHA PEL/TWA: 2 mg/cu m TWA (Respirable dust)

7

CAS# 14808-60-7

CRYSTALLINE SILICA - QUARTZ

PCT BY WT: .1970

EXPOSURE LIMIT:

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

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\*\*\*\*\*  
This product contains one or more reported carcinogens or suspected carcinogens which are noted in Section 3, Hazards Identification, CARCINOGENICITY.  
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This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.  
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**SECTION 3 - HAZARDS IDENTIFICATION**  
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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.

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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 occupational sources.

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**SECTION 4 - FIRST AID MEASURES**

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EMERGENCY FIRST AID:

EYE CONTACT

If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water, holding eyelids apart. If symptoms persist, seek medical attention.

SKIN CONTACT

Remove contaminated shoes and clothing, and flush affected area with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area thoroughly by washing with mild soap and water. If irritation or redness develops, seek medical attention. Launder clothing before reuse.

INHALATION

If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention. Keep person warm & quiet.

INGESTION: Aspiration hazard. Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If the victim is drowsy or unconscious, place on left side with head down. If possible, do not leave victim unattended. Seek immediate medical attention.

NOTE TO PHYSICIAN:





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Weight per Volume . . . . . : 10.4447 LB/GL  
VOC - Total (lb/gal). . . . . : 3.298  
Evaporation Rate . . . . . : .130 (n-Butyl Acetate = 1)  
Volatile by Weight . . . . . : 31.5748  
Volatile by Volume . . . . . : 51.9868  
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**SECTION 10 - STABILITY AND REACTIVITY**

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

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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No data at this time.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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No data at this time.

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**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.

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**SECTION 14 - TRANSPORT INFORMATION**

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DOT HAZARD CLASS . . . . . : NOT REGULATED (In containers less than 119 gallons or 450 liters via surface transportation).

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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

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**SECTION 15 - REGULATORY INFORMATION**

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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 NONE of the 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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**SECTION 16 - OTHER INFORMATION**

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Prepared by . . . . . :  
Date of issue . . . . . : 09/01/2009  
Last Revision Date . . . . . : 09/01/2009  
MSDS Prepared for . . . . . :  
MSDS Last Prepared . . . . . : NONE  
HMIS Rating:           Health- 2           Flammability- 2  
                          Reactivity- 0

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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 out-  
side our control, we make no warranties, express or implied, and assume  
no liability in connection with any use of this information.

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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.  
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