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**COMPLEMENTARY COATINGS CORP**  
**MATERIAL SAFETY DATA SHEET**  
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**IM1010099-01**  
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**EXPOSURE LIMIT:**

ACGIH TLV/TWA: TWA 300 ppm  
OSHA PEL/TWA: TWA 300 ppm  
OSHA STEL: 400 ppm  
LC50: Inhalation, Rat - 3400 ppm/4H  
LD50: Intravenous, Mouse - 40 mg/kg  
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CAS# 13463-67-7  
TITANIUM DIOXIDE  
PCT BY WT: 10 - 30

**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  
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6 GROUND LIMESTONE

CAS# 1317-65-3  
CALCIUM CARBONATE  
PCT BY WT: 10 - 30

**EXPOSURE LIMIT:**

ACGIH TLV/TWA: 2 mg/m3 TLV  
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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 one or more Hazardous Air Pollutants.  
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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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\*\*\*\*\*  
This product contains one or more reported or suspected reproductive toxins.  
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**SECTION 3 - HAZARDS IDENTIFICATION**  
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**POTENTIAL HEALTH EFFECTS**

EYES: May cause eye damage and pain.

SKIN: May irritate skin.

INHALATION: Anesthetic. Nervous system depression characterized by the following progressive steps: headache, dizziness, staggering gait, confusion, unconsciousness or coma. May irritate nose, throat and respiratory tissue.

INGESTION: Swallowing small amounts of this product during normal

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handling is not likely to cause harmful effects, but  
swallowing large amounts may be harmful.

**CHRONIC OVEREXPOSURE**

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.

**XYLENE:** Studies have shown a possible association with exposure to xylene and respiratory tract irritation, liver and kidney damage, nausea and vomiting in humans.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

**POSSIBLE ROUTES OF ENTRY**

Inhalation, ingestion, skin absorption.

**CARCINOGENICITY**

Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. IARC has classified ethylbenzene as a possible human carcinogen, Group 2B.

IARC lists cobalt and cobalt compounds as possible human carcinogens (Group 2B). However, there is inadequate evidence of the carcinogenicity of cobalt and cobalt compounds in humans.

ACGIH has given cobalt a rating of A3, animal carcinogen. They state that available epidemiological studies do not confirm an increased risk of cancer in exposed humans.

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**SECTION 4 - FIRST AID MEASURES**

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**EMERGENCY FIRST AID:**

**EYE CONTACT:** Flush at once with large amounts of lukewarm water for at least 15 minutes and get medical attention.

**SKIN CONTACT:** Remove from skin with soap and water. Remove drenched clothing. If irritation persists, consult a physician.

**INHALATION:** If affected by inhalation of vapor or spray mist, remove to fresh air. If necessary, restore breathing; in this case contact physician at once.

**INGESTION:** If victim is conscious, give 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center at once.

**NOTE TO PHYSICIAN:**



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dispensing and disposal of flammable liquids.

**STORAGE**

Do not store above 120 Degrees F. Close container after each use.

**SPECIAL COMMENTS**

Do not take internally. Wash with soap and water before eating, drinking, smoking or using toilet.

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**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**VENTILATION**

Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of the most hazardous ingredient in Section 2, below acceptable limit, and LEL in Section 5 below stated limit, during application of this product, and to remove decomposition products during welding or flame cutting on surfaces coated with this product.

**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**

Use safety eyewear with splashguards and side shields.

**SKIN PROTECTION**

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State . . . . .	: LIQUID
Vapor Pressure . . . . .	: 7.00
Vapor Density . . . . .	: 3.70
Boiling Point Range . . . . .	: Lower - 250.0 °F
	: Higher - 300.0 °F
Specific Gravity . . . . .	: 1.251
Weight per Volume . . . . .	: 10.4119 LB/GL
VOC - Total (lb/gal). . . . .	: 3.253
Evaporation Rate . . . . .	: 1.000 (n-Butyl Acetate = 1)
Volatile by Weight . . . . .	: 31.3148
Volatile by Volume . . . . .	: 48.4384

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**SECTION 10 - STABILITY AND REACTIVITY**

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**STABILITY**

This product is stable.

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**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**

High temperatures.

**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**

No data at this time.

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**SECTION 12 - ECOLOGICAL INFORMATION**

No data at this time.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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**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**

DOT HAZARD CLASS . . . . . : 3  
DOT PACKAGING GROUP . . . . . : PG II  
DOT LABEL . . . . . : FLAMMABLE LIQUID  
DOT SHIPPING NAME . . . . . : PAINT  
DOT PLACARD . . . . . : FLAMMABLE LIQUID  
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:

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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:

COBALT 2-ETHYLHEXANOATE

CAS# 136-52-7 PCT BY WT: .1330

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XYLENE (MIXED ISOMERS)

CAS# 1330-20-7 PCT BY WT: 10 - 30

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ETHYLBENZENE

CAS# 100-41-4 PCT BY WT: 3.4580

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**SECTION 16 - OTHER INFORMATION**

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Prepared by . . . . . :  
Date of issue . . . . . : 09/16/2009  
Last Revision Date . . . . . : 04/06/2009  
MSDS Prepared for . . . . . :  
MSDS Last Prepared . . . . . : NONE  
HMIS Rating: Health- 2\* Flammability- 3  
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 outside 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

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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/m<sup>3</sup> 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.