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**COMPLEMENTARY COATINGS CORP**  
**MATERIAL SAFETY DATA SHEET**  
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**ZR1650092-01**  
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4  
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)  
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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 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



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heat. Water may be ineffective in extinguishing a paint fire. Therefore, use caution not to spread flames with stream of water. If water is used, fog nozzles are preferable.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Vapors may be heavier than air and may travel along the ground to distant ignition sources, then flash back to the vapor source. Keep welding or cutting equipment away from product. Containers may explode when exposed to extreme heat.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition (flame, hot surfaces and sources of electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. For large spills in a confined area, use self-contained non-sparking tools. Keep out of drains, sewers and waterways.

**CLEAN-UP**

Contain and remove with inert absorbent and non-sparking tools.

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**SECTION 7 - HANDLING AND STORAGE**

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**HANDLING**

Keep away from heat, sparks and open flame. Use only with adequate ventilation. Keep from contact with oxidizing materials. Comply with all national, state, and local codes pertaining to the storage, handling 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

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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 - 277.0 °F
	: Higher - -N/A °F
Specific Gravity . . . . .	: 2.227
Weight per Volume . . . . .	: 18.5344 LB/GL
VOC - Total (lb/gal) . . . . .	: 4.037
Evaporation Rate . . . . .	: .860 (n-Butyl Acetate = 1)
Volatile by Weight . . . . .	: 21.7816
Volatile by Volume . . . . .	: 55.9316

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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**

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**  
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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**  
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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**  
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DOT HAZARD CLASS . . . . . : 3  
DOT PACKAGING GROUP . . . . . : PG III  
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:

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:

XYLENE (MIXED ISOMERS)

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

CAS# 100-41-4 PCT BY WT: 4.2660  
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ZINC

CAS# 7440-66-6 PCT BY WT: 40 - 70  
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ZINC OXIDE

CAS# 1314-13-2 PCT BY WT: 1 - 5  
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**SECTION 16 - OTHER INFORMATION**  
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Prepared by . . . . . :  
Date of issue . . . . . : 09/21/2009  
Last Revision Date . . . . . : 05/07/2009  
MSDS Prepared for . . . . . :  
MSDS Last Prepared . . . . . : NONE  
HMIS Rating: Health- 2\* Flammability- 3  
Reactivity- 1

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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 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.