Material Safety Data Sheet
Zinc Rich Primer

Data Prepared: October 15th, 2014

SECTION I. PRODUCT INFORMATION

Product Name: **Zinc Rich Primer**

Provided by: **CLEARCO PRODUCTS CO. INC.,**
3430 G. Progress Drive
Bensalem, PA 19020 U.S.A.

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General Description: Cold Galvanizing Compound

HMIS Rating: HFR PP 231 J

SECTION II. INGREDIENT INFORMATION

Ingredient Description	CAS Number	Weight Percent	TLV	PEL	OTHER
Zinc Dust	7440-66-6	63.1-78.3	3.0 mg/m3 ACGIH	15 mg/m3 OSHA	LD50>2000 mg/kg Rat
Xylene	1330-20-7	13.8-17.1	100 ppm ACGIH-TWA	100 ppm OSHA	LC50 4300 mg/kg RAT REL 100 ppm NIOSH
Ethyl Benzene	100-41-4	2.7-3.3	100 ppm ACGIH	100 ppm OSHA	LCLo 4000 ppm 4h RAT LD50 3500 mg/kg RAT IDLH-2000 ppm OSHA STEL 125 ppm
VMP Naphtha-66	64742-89-8	2.1-2.7	300 ppm ACGIH	300 ppm OSHA	LC50 3400 ppm/4H RAT LD50 >8 g/kg RAT LD50 DERM >4 g/kg RAT

-HAZARDOUS AIR POLLUTANTS-

This product contains the following chemical (s) which are on the list of hazardous air pollutants under Section 112 (b) of the Clean Air Act.

CHEMICAL NAME	CAS NUMBER	WEIGHT PERCENT
XYLENE	1330-20-7	15.59
ETHYL BENZENE	100-41-4	3.06

RCRA TRACE ELEMENTS----------

SECTION III PHYSICAL DATA

Boiling Point	210°F	% Volatile-Volume	60.00
Vapor Density	Heavier than Air	% NVM-Weight	78.63

Evaporation Rate	Slower than BU AC	% NVM-Volume	39.99
Weight/Gallon	19.96	VOC (1b/gl)	4.26

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Paint Class3 UN1263 PGI III UN1263
Flash Point: 45°F TCC LEL: .70 UEL: 22.70
Extinguishing Media: Foam, CO2, Dry Chemical. ****DO NOT USE WATER****

Unusual Fire and Explosion Data: Do not mix with acid or caustic materials. Keep away from Heat, Sparks, Open Flames, Electrical Equipment, etc. DO NOT USE WATER. Hydrogen Gas may form producing an explosive environment.

Special Firefighting Procedures: Exclude air from fire. Respiratory equipment should be worn to avoid inhalation of vapors. DO NOT USE WATER!

SECTION V HEALTH HAZARD DATA

Target Organs: eyes, skin, central nervous system, liver, kidney, gastrointestinal tract, upper respiratory system, respiratory system, respiratory irritation

Routes of entry and acute effects of exposure:

Contact: Direct contact with this product may cause: eye irritation, dermatitis, skin cracking, skin irritation

Inhalation: If inhaled, may cause respiratory irritation, central nervous system depression, mucous membrane irritation, headache, narcosis, euphoria, collapse, pupil dilation, drowsiness, central nervous system effects

Ingestion: If swallowed, may cause intestinal tract irritation, central nervous system depression, pneumonitis, kidney damage, liver damage, nausea, pulmonary edema, blood, pancreas, heart

Absorption: If absorbed, may cause skin irritation

Primary Routes of Entry: Dermal, Inhalation, Ingestion, Absorption

Medical Conditions Prone to Aggravation by Exposure: Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting.

Chronic Effects of Overexposure: Cardiac abnormalities, liver damage, kidney damage, central nervous system effects, dermatitis, liver abnormalities

Emergency and First Aid Procedures:
Inhalation: Move to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.
Eye Contact: Flush with large quantities of water for 15 minutes.
Skin Contact: Wash Thoroughly with soap and water and see a doctor.
Ingestion: Do not induce vomiting. Contact physician or poison control center immediately.

SECTION VI REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Thermal Decomposition may yield Carbon Monoxide, Carbon Dioxide and other hazardous products.

Conditions to Avoid: Heat, Sparks, Open Flame, Electrical Equipment, Fire, Acids, Caustics, etc. DO NOT MIX WITH WATER OR USE WATER FOR FIRE.

Incompatibility (Materials to Avoid): Acids, Alkaline Materials and Oxidizers. DO NOT USE WATER. Hydrogen Gas may form.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released of Spilled:
Remove all sources of ignition (heat, sparks, open flame). Avoid breathing vapors. Ventilate area. Contain and clean up spills with non sparking tools, rags, etc. Use inert absorbent materials on small spills or residuals of large spills.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

SECTION VIII SAFE HANDLING AND USE INFORMATION

Respiratory Protection: Provide NIOSH/MSHA approved organic vapor canister respirators where oxygen content is adequate and where airborne mists and vapor concentrations are above the time-weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh air supply respirator or a self-contained breathing apparatus.

Ventilation: Mechanical ventilation or local exhaust must be used to keep vapor concentrations below TLV. All ventilation equipment must be explosion proof.

Protective Gloves: Impermeable chemical handling gloves for skin protection.

Eye Protection: Use chemical safety glasses with side shields, goggles, and faceshields.

Other Protective Equipment: Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of headcaps wherever possible is recommended.

Hygienic Practices: Eye bath and safety shower recommended.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Use non-sparking tools when handling this material. Avoid hot surfaces. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames. Avoid prolonged or repeated contact with the skin. Normally accepted grounding techniques are to be employed during all phases of handling and application.

Other Precautions: No Smoking in areas where this material is used. Plastic Utensils should not be used. Do not weld or flame cut on any "empty drum". Keep containers closed and upright when not in use. If the painted surface is to be welded, use a fan across the work area to prevent fumes from rising to the welder's face. Pump air into the welder's hood to provide positive air pressure to prevent fumes from getting to welder. Maintain air pressure to prevent fumes from getting to welder. Maintain good personal hygiene and plant housekeeping.

****DO NOT MIX WITH WATER OR USE WATER FOR FIRE CONTROL****

This coating may contain materials classified as nuisance particulates which may be present at hazardous levels only during sanding or abrading of the dried film.

SECTION X OTHER INFORMATION

Section 313 Supplier Notification -This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372

CHEMICAL NAME	CAS NUMBER	WEIGHT PERCENT
Zinc Dust	7440-66-6	71.39
Ethyl Benzene	100-41-4	3.06
Xylene	1330-20-7	15.59

Schedule B # 3208.90.0000

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