



Zinc Modified Conversion Primer/Cataly

8/3/2016

ACWP Series (3:1:1) A&B + Zinc

<<<< SECTION 1 - PRODUCT & MANUFACTURER'S IDENTIFICATION >>>>

PRODUCT NAME : Zinc Modified Conversion Primer/Catalyst H M I S CODES : H F R P
PRODUCT CODE : ACWP Series (3:1:1) A&B + Zinc 2 1 1 A

COMPANY NAME : EXCALIBUR PAINT & COATINGS LTD.
ADDRESS : 1116 E. Scott Ave.
ADDRESS : Wichita Falls, TX 76301
TELEPHONE : (940)767-9912
WEBSITE : www.excaliburpaint.com

TRANSPORTATION EMERGENCY CONTACT INFO : USA & CANADA : (800)633-8253
Professional Emergency Resource Services (PERS) INTERNATIONAL: (801)629-0667

<<<< SECTION 2 - HAZARD(S) IDENTIFICATION >>>>

Table with 5 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), % by WEIGHT. Rows include Aliphatic Polyisocyanate, Zinc Dust, Ethylene Glycol-monoethyl Ether, Propylene glycol mono n-butyl ether, and Carbon Black.

<<<< SECTION 3 - HAZARDS INFORMATION >>>>

a. INHALATION HEALTH RISKS and SYMPTOMS OF EXPOSURE:

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material is not likely to be harmful.

***** CAUTION! HARMFUL IF INHALED. EYE, SKIN AND RESPIRATORY TRACT IRRITANT. POSSIBLE SENSITIZER. REACTS WITH COMMON MATERIALS INCLUDING WATER, ALCOHOLS,

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BASES AND AMINES RELEASING LARGE AMOUNTS OF CARBON DIOXIDE. *****

b. SKIN and EYE CONTACT HEALTH RISKS and SYMPTOMS OF EXPOSURE:

EYE CONTACT: May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

SKIN CONTACT: May cause mild skin irritation. Symptoms may include redness and burning of skin.

c. SKIN ABSORPTION HEALTH RISKS and SYMPTOMS OF EXPOSURE:

Brief contact is not irritating. Prolonged contact, as from clothing wet with the material, may cause mild irritation, experienced as discomfort, and seen as local redness. No evidence of harmful effects from available information due to skin absorption.

d. INGESTION HEALTH RISKS and SYMPTOMS OF EXPOSURE:

No evidence of harmful effects from available information.

If swallowed, give 1 to 2 glasses of milk or water. DO NOT induce vomiting. Contact physician immediately.

e. HEALTH HAZARDS (ACUTE and CHRONIC)

No adverse effects anticipated from available information.

f. CARCINOGENICITY:

See Below.

NTP CARCINOGEN: Not Available

IARC MONOGRAPHS: Not Available

OSHA REGULATED: Yes

Ethylene Glycol EB is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910, 1200.

g. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

A knowledge of available toxicology information and of the physical and chemical properties of the material suggests that over exposure is unlikely to aggravate existing medical conditions.

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<<<< SECTION 4 - FIRST AID MEASURES >>>>

EMERGENCY and FIRST AID PROCEDURES:

EYE CONTACT: Flush with clean, lukewarm water for at least 15 minutes. Occasionally lifting the eyelid. Remove contact lenses, if worn. Obtain medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before re-use. If irritation persists or if contact has been prolonged, obtain medical attention.

INHALATION: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove to fresh air. Apply artificial respiration if not breathing. Oxygen may be given by qualified personnel if necessary. Call a physician immediately.

INGESTION: No harmful effects expected.

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

<<<< SECTION 5 - FIRE FIGHTING MEASURES >>>>

THEORETICAL FLASH POINT: 143.6° F

METHOD USED:

ACTUAL FLASH POINT: 143.6° F

FLAMMABLE LIMITS IN AIR BY VOLUME: ----->

LOWER: 1.3

UPPER: 10.6

a. EXTINGUISHING MEDIA:

None Required (Non-flammable(aqueous solution)).

b. SPECIAL FIRE FIGHTING PROCEDURES:

No information currently available.

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c. UNUSUAL FIRE and EXPLOSION HAZARDS:

Product will not burn but may spatter if temperature exceeds boiling point of water.

<<<< SECTION 6 - ACCIDENTAL RELEASE MEASURES >>>>**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Small spills can be flushed with large amounts of water; larger spills should be collected for disposal.

Personal Precautions: Wear suitable protective equipment.

Environmental Precautions: Not toxic to fish or plants.

<<<< SECTION 7 - HANDLING and STORAGE >>>>**PRECAUTIONS TO BE TAKEN IN HANDLING and STORING:**

Precautionary Measures: Avoid contact with eyes, skin and clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Special Handling Statements: Provide good ventilation of working area (local exhaust ventilation if necessary). During processing and handling of the product, comply with the indicative occupational exposure limit values.

Storage: FREEZE SENSITIVE. Store in a cool, dry, well ventilated place and keep container tightly closed. Sensitive to frost.

OTHER PRECAUTIONS:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

<<<< SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION >>>>

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a. RESPIRATORY PROTECTION:

None required if airborne concentrations are maintained below listed exposure limits. If airborne concentrations exceed listed exposure limits, select respiratory protection equipment in accordance with OSHA Standard 29 CFR 1910.134. If necessary, use NIOSH approved mist respirator in poorly ventilated areas.

b. VENTILATION:

General(mechanical) room ventilation is expected to be satisfactory for use at room temperature.

c. PROTECTIVE GLOVES:

Polyvinyl chloride coated.

d. EYE PROTECTION:

Safety glasses with side shields or monogoggles, as appropriate.

e. OTHER PROTECTIVE CLOTHING or EQUIPMENT:

Eye bath and safety shower. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

f. WORK / HYGIENIC PRACTICES:

Avoid inhalation of product spray through the use of engineering controls. General(mechanical) room ventilation is expected to be satisfactory. Use local exhaust if needed to control mist or vapor.

<<<< SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES >>>>

BOILING RANGE: 338° F - 1663° F

SPECIFIC GRAVITY (H2O=1): 1.307

VAPOR DENSITY: Not Available

EVAPORATION RATE: Not Available

COATING VOC: 1.0449 lb/gl

MATERIAL VOC: 0.598 lb/gl

SOLUBILITY IN WATER: Dispersible

APPEARANCE: Liquid

<<<< SECTION 10 - STABILITY and REACTIVITY >>>>

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a. STABILITY:

Stable.

b. CONDITIONS TO AVOID:

None known.

c. INCOMPATIBILITY (Materials to Avoid):

Acids
Oxidizing Agents

d. HAZARDOUS DECOMPOSITION or BYPRODUCTS:

Burning can produce the following products: Carbon Monoxide and Carbon Dioxide. Carbon Monoxide is highly toxic if inhaled. Carbon Dioxide in suddicent - concentrations can act as an asphyxiant.

e. HAZARDOUS POLYMERIZATION:

Will not occur.

<<<< SECTION 11 - TOXICOLOGICAL INFORMATION >>>>

ACUTE TOXICITY

Material	Cas #	%Weight	ORAL	DERMAL	INHALATION
			LD50 (g/kg)	LD50 (g/kg)	LC50 (mg/l)
Aliphatic Polyisocyanate	Trade Secret	17.35			
Zinc Dust	7440-66-6	5			
Ethylene Glycol-monobutyl Ether	111-76-2	3.22			
Propylene glycol mono n-butyl ether	5131-66-8	2.28			
Carbon Black	1333-86-4	.55			

<<<< SECTION 12 - ECOLOGICAL INFORMATION >>>>

A. PONTENTIAL ENVIRONMENTAL EFFECTS



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Ecotoxicity: Not Available

B. ENVIRONMENTAL FATE

Mobility: Not Available

Biodegradation: Not Available

Bioaccumulation: Not Available

<<<< SECTION 13 - DISPOSAL CONSIDERATIONS >>>>

WASTE DISPOSAL METHOD:

Waste material must be disposed of in accordance with federal, state and local environmental regulatory controls. For assistance with your waste management needs-including disposal, recycling and waste stream reduction, contact an Environmental Service Company.

<<<< SECTION 14 - TRANSPORTATION INFORMATION >>>>

US DEPT. OF TRANSPORTATION (DOT)

Proper Shipping Name: PAINT, Waterbase No. 1

Class: 55

NMFC Item Number: 149980-02

Packing Group: N/A

Special Marks & Exceptions: Non-Flammable

UN Number: Not Regulated

<<<< SECTION 15 - REGULATORY INFORMATION >>>>

California Prop. 65: The following ingredients below (if any) are known to the state of California to be carcinogens and/or reproductive toxins:

Chemical Name:

Cas #:

*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE KNOWN TO BE PRESENT ***



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<<<< SECTION 16 - OTHER INFORMATION >>>>

HAZARDOUS MATERIAL INFORMATION SYSTEM:

Rating System:

- 0 = Minimal
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe
- * = Chronic Effects

THIS PRODUCT IS RATED:

- HEALTH: 2
- CHRONIC:
- FLAMMABILITY: 1
- PHYSICAL HAZARD: 1
- PERSONAL PROTECTION: A

DATE PRINTED: 8/3/2016

REVISION DATE: 04/09/10

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(End of SDS)