

00008050

## MATERIAL SAFETY DATA SHEET

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## PRODUCT: 13243ZP ZINC RICH GALVANIZE QUART



## Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR ..... THE EASTHILL GROUP dba/ THE EASTWOOD COMPANY  
 263 SHOEMAKER ROAD  
 POTTSTOWN, PA 19464  
 USA & CANADA: 800-345-1178  
 OUTSIDE USA: 610-323-2200  
 EMERGENCY CONTACT..... CHEM-TREC: 800-424-9300  
 PRODUCT NAME..... 13243ZP - ZINC RICH GALVANIZE QUART  
 CHEMICAL FAMILY..... MIXTURE.  
 MOLECULAR WEIGHT..... NOT APPLICABLE.  
 CHEMICAL FORMULA..... MIXTURE.  
 TRADE NAMES & SYNONYMS..... 05303-14-01Q/5 COLD ZINC GALVANIZE-QUART  
 PRODUCT USES..... COATING.  
 FORMULA/LAB BOOK #..... F 14-5006/002-21-95.

## Section 02: COMPOSITION/INFORMATION INGREDIENTS

| Hazardous Ingredients     | %       | Exposure Limit | C.A.S.#     | LD/50, Route,Species    | LC/50 Route,Species            |
|---------------------------|---------|----------------|-------------|-------------------------|--------------------------------|
| ZINC ELEMENTAL            | 60-70   | N/A            | 7440-66-6   | NOT AVAILABLE           | NOT AVAILABLE                  |
| XYLENE                    | 5-10    | 100 ppm        | 1330-20-7   | 4.3 g/kg ORAL - RAT     | 6350 ppm (4 hr) INHAL - RAT    |
| TERT-BUTYL ACETATE (TBAC) | 5-10    | N/A            | 540-88-5    | NOT AVAILABLE           | NOT AVAILABLE                  |
| ACETONE                   | 3-7     | 750 ppm        | 67-64-1     | >9750 mg/kg ORAL - RAT  | >16,000 ppm (4 hr) INHAL - RAT |
| ETHYLBENZENE              | 1-5     | 100 ppm        | 100-41-4    | 5460 mg/kg ORAL-RAT     | NOT AVAILABLE                  |
| ACRYLIC COPOLYMER         | 1-5     | N/E            | Proprietary | N/E                     | N/E                            |
| SILICA, AMORPHOUS         | 0.1-1.0 | 10 mg/m 3      | 7631-86-9   | >10000 mg/kg ORAL - RAT | NOT AVAILABLE                  |

## Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:  
 INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.  
 INHALATION, CHRONIC..... UNKNOWN.  
 INHALATION..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION.  
 EYE CONTACT..... MAY CAUSE IRRITATION.  
 SKIN ABSORPTION..... NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.  
 SKIN CONTACT..... MAY CAUSE IRRITATION.  
 EFFECTS OF ACUTE EXPOSURE..... DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.  
 EFFECTS OF CHRONIC EXPOSURE..... SOLVENTS MAY CAUSE DEFATTING DERMATITIS  
 EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

## Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE ..... IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

## Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... 465 - 527.  
 SPECIAL PROCEDURES..... FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL. WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES.  
 FLAMMABILITY..... COMBUSTIBLE.  
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
 EXTINGUISHING MEDIA..... CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
 FLASH POINT (C), TAG CLOSED CUP..... LOWEST KNOWN VALUE IS ACETONE @ -18C.  
 UPPER FLAMMABLE LIMIT..... 12.8.  
 (% BY VOLUME)  
 LOWER FLAMMABLE LIMIT..... 1.1.  
 (% BY VOLUME)  
 EXPLOSION DATA  
 SENSITIVITY TO STATIC DISCHARGE..... NOT APPLICABLE.  
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.  
 HAZARDOUS COMBUSTION

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## Section 05: FIRE FIGHTING MEASURES

PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

## Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

## Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.  
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).  
 HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.  
 SYNERGISTIC MATERIALS..... NONE KNOWN.

## Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... WEAR CHEMICAL RESISTANT GLOVES.  
 RESPIRATORY/TYPE..... IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.  
 EYE/TYPE..... SAFETY GLASSES.  
 FOOTWEAR/TYPE..... RUBBER SAFETY BOOTS.  
 OTHER/TYPE..... NOT REQUIRED.

## Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... LIQUID.  
 APPEARANCE..... GRAY.  
 ODOR..... Acetate.  
 ODOR THRESHOLD..... NOT AVAILABLE.  
 VAPOR PRESSURE (mmHg)..... NOT AVAILABLE.  
 @ 20 C  
 BOILING POINT (°C)(CONC)..... 57-143.  
 EVAPORATION RATE..... LESS THAN 1.  
 n-BUTYL ACETATE = 1  
 VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.  
 (BY WEIGHT)  
 SOLUBILITY IN WATER g/L (20°C)..... NOT AVAILABLE.  
 pH..... NOT APPLICABLE.  
 SPECIFIC GRAVITY (LIQUID)..... 2.10-2.25.  
 COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.  
 FREEZING POINT: (°C)..... NOT AVAILABLE.

## Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.  
 CHEMICAL STABILITY:  
 YES..... UNDER NORMAL CONDITIONS.  
 NO, WHICH CONDITIONS?..... NOT APPLICABLE.  
 COMPATIBILITY WITH OTHER SUBSTANCES:  
 NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.  
 REACTIVITY CONDITIONS?..... NOT APPLICABLE.  
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

## Section 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS..... XYLENE - HIGH EXPOSURES TO XYLENE IN SOME ANIMAL STUDIES, OFTEN AT LEVELS TOXIC TO THE MOTHER, AFFECTED EMBRYO/FETAL DEVELOPMENT. THE SIGNIFICANCE OF THIS FINDING TO HUMANS IS NOT KNOWN.  
 IRRITANCY OF MATERIAL..... SLIGHT.  
 SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.  
 CARCINOGENICITY OF MATERIAL..... ZINC CHROMATE IS A HUMAN CARCINOGEN.  
 TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.  
 CARCINOGENICITY/MUTAGENICITY..... XYLENE - THIS PRODUCT CONTAINS ETHYLBENZENE (ETHYLBENZENE IS IN XYLENE). ETHYLBENZENE HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. TOXICITY TESTS CARRIED OUT FOR CHRONIC EFFECTS AND MUTAGENICITY HAVE BEEN NEGATIVE. THE RELEVANCE OF THIS FINDING TO HUMANS IS UNCERTAIN. IARC HAS CLASSIFIED ETHYLBENZENE AS A POSSIBLE HUMAN CARCINOGEN.

## Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

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## Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

## Section 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... FLAMMABLE LIQUID, N.O.S., CLASS 3, UN1993, PG II.

## Section 15: REGULATORY INFORMATION

## CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... B2,D2A,D2B.  
 CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.  
 NFPA CODE 30B..... CLASS II.  
 U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.  
 HMIS RATING FLAMMABILITY..... 2 MODERATE HAZARD. 3 SERIOUS HAZARD.  
 HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.  
 HMIS RATING PERSONAL PROTECTION..... B.  
 NFCC SECTION 4.1..... CLASS II.  
 CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS #: CHEMICAL NAME:  
 \*100-41-4 ETHYL BENZENE IN XYLENE

SARA 313 INFORMATION:..... 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:

CAS #: CHEMICAL NAME:  
 \*1330-20-7 XYLENE  
 \*100-41-4 ETHYL BENZENE  
 7440-66-6 ZINC ELEMENTAL

TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

REGULATORY VOC..... 239g/L.  
 ACTUAL VOC (w/w%)..... 165g/L.

## Section 16: OTHER INFORMATION

NOTICE FROM KG PACKAGING INC ..... THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY K-G PACKAGING INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. K-G PACKAGING INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.

PREPARED BY..... TECHNICAL SERVICES  
 PREPARATION DATE ..... Mar08/11