

00007696

## MATERIAL SAFETY DATA SHEET

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## PRODUCT: 12499Z EW METAL PROTECT 14 OZ AEROSOL



## 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  
 12499Z EW METAL PROTECT 14OZ AEROSOL

PRODUCT NAME.....  
 CHEMICAL FAMILY..... MIXTURE.  
 MOLECULAR WEIGHT..... NOT APPLICABLE.  
 CHEMICAL FORMULA..... MIXTURE.  
 TRADE NAMES & SYNONYMS..... 12499Z EW METAL PROTECT 14OZ AEROSOL  
 PRODUCT USES..... SURFACE PROTECTION.  
 FORMULA/LAB BOOK #..... F 50-163.

## Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
HEXAMETHYLDISILOXANE	10-30	N/A	107-46-0	N/A	N/A
n-PROPOXYPROPANOL	10-30	N/A	1569-01-3	2504 mg/kg ORAL - RAT	NOT ESTABLISHED
PETROLEUM DISTILLATES (STODDARD SOLVENT)	7-13	100 ppm	8052-41-3	5 g/kg ORAL-RAT	5500 mg/m3 INHAL-RAT
AROMATIC NAPHTHA	1-5	50ppm	64742-95-6	>8.0mL/kg ORAL - RAT	NOT AVAILABLE
ACRYLIC COPOLYMER	5-10	N/E	N/A	N/E	N/E
ACETONE	3-7	750 ppm	67-64-1	>9750 mg/kg ORAL - RAT	>16,000 ppm (4 hr) INHAL - RAT
ISOPROPANOL	3-7	400 ppm	67-63-0	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
ISOBUTANE	5-10	1000 ppm	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE	10-30	1000 ppm	74-98-6	NOT APPLICABLE	NOT AVAILABLE

## Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:  
 INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.  
 INHALATION..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.

EYE CONTACT..... SEVERE IRRITATION UPON CONTACT.  
 SKIN ABSORPTION..... NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.  
 SKIN CONTACT..... MAY CAUSE IRRITATION.  
 EFFECTS OF ACUTE EXPOSURE..... ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

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 CONTACT, IMMEDIATELY FLUSH SKIN OR EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; FOR EYES, GET MEDICAL ATTENTION. IN CASE OF INGESTION, INDUCE VOMITING IF PATIENT IS ALERT. CALL PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY.

## Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... 225-465.  
 SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

FLAMMABILITY..... CAUTION-FLAMMABLE.  
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.  
 EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
 FLASH POINT (C), TAG CLOSED CUP..... LOWEST KNOWN VALUE IS ACETONE @ -18C.  
 UPPER FLAMMABLE LIMIT..... 16.9.  
 (% BY VOLUME)  
 LOWER FLAMMABLE LIMIT..... 1.

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## Section 05: FIRE FIGHTING MEASURES

(% BY VOLUME)

## EXPLOSION DATA

SENSITIVITY TO STATIC DISCHARGE..... NOT APPLICABLE.

SENSITIVITY TO IMPACT..... NOT APPLICABLE.

## HAZARDOUS COMBUSTION

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

## AEROSOL FLAME PROJECTION

CLASSIFIED AS:..... &gt;45cm.

FLASHBACK..... NONE.

## 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..... NOT NORMALLY REQUIRED.  
OTHER/TYPE..... NOT REQUIRED.

## Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.  
APPEARANCE..... CLEAR LIQUID.  
ODOR..... NONE CHARACTERISTIC.  
ODOR THRESHOLD..... NOT AVAILABLE.  
VAPOUR PRESSURE(PSIG)-AEROSOL..... 60-70.  
@ 20 C  
BOILING POINT (°C)(CONC)..... 57-200.  
EVAPORATION RATE..... GREATER 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)..... 0.82-0.86.  
COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.  
FREEZING POINT: (°C)..... NOT AVAILABLE.  
AEROSOL PERCENT VOLATILE..... 65-70.  
(BY WEIGHT).  
SPECIFIC GRAVITY (AEROSOL)..... 0.70-0.74.

## 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..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.  
IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.  
SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.  
CARCINOGENICITY OF MATERIAL..... THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC, (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).  
TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.  
MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

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## Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

## Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

## Section 14: TRANSPORTATION INFORMATION

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.  
T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).

## Section 15: REGULATORY INFORMATION

## CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,B5,D2B.  
CNFC SECTION 3.3.5..... LEVEL 2.  
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.

## U.S. REGULATIONS:

HMIS RATING HEALTH..... 1 SLIGHT HAZARD.  
HMIS RATING FLAMMABILITY..... 3 SERIOUS HAZARD.  
HMIS RATING REACTIVITY..... 1 SLIGHT HAZARD.  
HMIS RATING PERSONAL PROTECTION..... B.  
NFPA CODE 30B..... LEVEL 2.  
SARA 313 INFORMATION: THIS PRODUCT CONTAINS NO INGREDIENTS 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.  
CAS #: CHEMICAL NAME:  
N/A.  
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 DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.  
. CAS #: CHEMICAL NAME:  
. N/A.  
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.  
V.O.C.(M.I.R.)..... COMPLIES WITH CLEAR COATING REGULATION <1.50 g OZONE / g PRODUCT.  
VOC (w/w%)..... 60.

## 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 ..... Mar31/10