

Safety Data Sheet

Supply Co. - ZINC WELD-THRU PRIMER, BD14150000

Document Nbr: 075036
Class C Parts IDs BD1415,BD1415-1

S(R*)

SEYMOUR(R*)

SAFETY DATA SHEET

ACC. TO OSHA HCS

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-----1 IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER -----

TRADE NAME: ZINC WELD-THRU PRIMER

PRODUCT CODE: BD14150000

PRODUCT CATEGORY: PC9A PAINTS AND COATINGS.

MANUFACTURER/SUPPLIER:

SEYMOUR OF SYCAMORE

917 CROSBY AVENUE

SYCAMORE, IL 60178

PHONE: 815-895-9101

WWW.SEYMOURPAINT.COM

EMERGENCY TELEPHONE NUMBER:

CHEMTEL: 1-800-255-3924, 813-248-0585

IF LOCATED OUTSIDE THE U.S.

-----2 HAZARD(S) IDENTIFICATION -----

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

FLAM. AEROSOL 1:

H222: EXTREMELY FLAMMABLE AEROSOL.

PRESS. GAS:

H280: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

REPR. 2:

H361: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

STOT RE 2:

H373: MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

SKIN IRRIT. 2:

H315: CAUSES SKIN IRRITATION.

GHS HAZARD PICTOGRAMS:

GHS02: FLAME

GHS04: GAS CYLINDER

GHS07: EXCLAMATION MARK

GHS08: HEALTH HAZARD

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

EXTREMELY FLAMMABLE AEROSOL.

CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.

CAUSES SKIN IRRITATION.

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

PRECAUTIONARY STATEMENTS:

IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND.

KEEP OUT OF REACH OF CHILDREN.

READ LABEL BEFORE USE.

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.

DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE.

PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE.

WASH HANDS THOROUGHLY AFTER HANDLING.

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

WEAR PROTECTIVE GLOVES.

DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY.

IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.

IF ON SKIN: WASH WITH PLENTY OF WATER.

GET MEDICAL ADVICE/ATTENTION IF YOU FEEL UNWELL.

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

SPECIFIC TREATMENT (SEE ON THIS LABEL).

TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

STORE LOCKED UP.

PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING

50 DEG. C/122 DEG. F.

STORE IN A WELL-VENTILATED PLACE.

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/
INTERNATIONAL REGULATIONS.

-----3 COMPOSITION/INFORMATION ON INGREDIENTS -----

CHEMICAL CHARACTERIZATION: MIXTURES

CHEMICAL DESCRIPTION:

THIS PRODUCT IS A MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS
ADDITIONS.

DANGEROUS COMPONENTS:

| | | |
|-----------|------------------|--------|
| 7440-66-6 | ZINC POWDER | 26.06% |
| 108-88-3 | TOLUENE | 16.88% |
| 74-98-6 | PROPANE | 9.46% |
| 110-19-0 | ISOBUTYL ACETATE | 8.94% |

106-97-8 N-BUTANE 5.55%

64742-47-8 MINERAL SPIRITS 5.16%

-----4 FIRST-AID MEASURES -----

AFTER INHALATION:

SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.

AFTER SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER.

AFTER EYE CONTACT:

RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST,
CONSULT A DOCTOR.

AFTER SWALLOWING:

RINSE OUT MOUTH AND THEN DRINK PLENTY OF WATER.

RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING.

MOST IMPORTANT SYMPTOMS AND EFFECTS: DIZZINESS

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION NEEDED:

NO FURTHER RELEVANT INFORMATION AVAILABLE.

-----5 FIRE-FIGHTING MEASURES -----

EXTINGUISHING AGENTS:

CO₂, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH WATER SPRAY.

SPECIAL HAZARDS: CAN FORM EXPLOSIVE GAS-AIR MIXTURES.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

A RESPIRATORY PROTECTIVE DEVICE MAY BE NECESSARY.

-----6 ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY.

USE RESPIRATORY PROTECTIVE DEVICE AGAINST THE EFFECTS OF FUMES/DUST/AEROSOL.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

ENSURE ADEQUATE VENTILATION.

DISPOSE CONTAMINATED MATERIAL AS WASTE ACCORDING TO SECTION 13.

-----7 HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING: USE ONLY IN WELL VENTILATED AREAS.

STORAGE REQUIREMENTS:

KEEP AWAY FROM SOURCES OF HEAT AND DIRECT SUNLIGHT. DO NOT WAREHOUSE
IN SUBFREEZING CONDITIONS. STORE LOCKED UP.

-----8 EXPOSURE CONTROLS/PERSONAL PROTECTION -----

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

108-88-3 TOLUENE:

PEL (USA):

LONG-TERM VALUE: 200 PPM

CEILING LIMIT VALUE: 300; 500* PPM

*10-MIN PEAK PER 8-HR SHIFT

REL (USA):

SHORT-TERM VALUE: 560 MG/M3, 150 PPM

LONG-TERM VALUE: 375 MG/M3, 100 PPM

TLV (USA):

LONG-TERM VALUE: 75 MG/M3, 20 PPM

BEI

74-98-6 PROPANE:

PEL (USA):

LONG-TERM VALUE: 1800 MG/M3, 1000 PPM

REL (USA):

LONG-TERM VALUE: 1800 MG/M3, 1000 PPM

TLV (USA): REFER TO APPENDIX F

110-19-0 ISOBUTYL ACETATE:

PEL (USA):

LONG-TERM VALUE: 700 MG/M3, 150 PPM

REL (USA):

LONG-TERM VALUE: 700 MG/M3, 150 PPM

TLV (USA):

LONG-TERM VALUE: 713 MG/M3, 150 PPM

106-97-8 N-BUTANE:

REL (USA):

LONG-TERM VALUE: 1900 MG/M3, 800 PPM

TLV (USA):

SHORT-TERM VALUE: 2370 MG/M3, 1000 PPM

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

108-88-3 TOLUENE:

BEI (USA):

0.02 MG/L

MEDIUM: BLOOD

TIME: PRIOR TO LAST SHIFT OF WORKWEEK

PARAMETER: TOLUENE

0.03 MG/L

MEDIUM: URINE

TIME: END OF SHIFT

PARAMETER: TOLUENE

0.3 MG/G CREATININE

MEDIUM: URINE

TIME: END OF SHIFT

PARAMETER: O-CRESOL WITH HYDROLYSIS (BACKGROUND)

HYGIENIC PROTECTION:

KEEP AWAY FROM FOODSTUFFS AND ANIMAL FEED. WASH HANDS AFTER USE.

IMMEDIATELY REMOVE ALL SOILED AND CONTAMINATED CLOTHING.

WASH HANDS AFTER USE.

AVOID CONTACT WITH THE EYES AND SKIN.

DO NOT EAT OR DRINK WHILE WORKING.

BREATHING EQUIPMENT:

A RESPIRATOR IS GENERALLY NOT NECESSARY WHEN USING THIS PRODUCT OUTDOORS OR

IN LARGE OPEN AREAS. IN CASES WHERE SHORT AND/OR LONG TERM OVEREXPOSURE

EXISTS, A CHARCOAL FILTER RESPIRATOR SHOULD BE WORN. IF YOU SUSPECT

OVEREXPOSURE CONDITIONS EXIST, PLEASE CONSULT AN AUTHORITY ON CHEMICAL

HYGEINE.

HAND PROTECTION:

PROTECTIVE GLOVES. THE GLOVE MATERIAL MUST BE IMPERMEABLE AND RESISTANT TO THE
SUBSTANCE.

EYE PROTECTION: TIGHTLY SEALED GOGGLES

-----9 PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE: AEROSOL.

ODOR: AROMATIC

ODOR THRESHOLD: NOT DETERMINED.

PH-VALUE: NOT DETERMINED.

MELTING POINT/MELTING RANGE UNDETERMINED.

BOILING POINT: -110 DEG. C (-166 DEG. F)

FLASH POINT: -19 DEG. C (-2 DEG. F)

FLAMMABILITY (SOLID, GAS): EXTREMELY FLAMMABLE.

DECOMPOSITION TEMPERATURE: NOT DETERMINED.

AUTO IGNITING: PRODUCT IS NOT SELF-IGNITING.

DANGER OF EXPLOSION: IN USE, MAY FORM FLAMMABLE/EXPLOSIVE VAPOUR-AIR MIXTURE.

LOWER EXPLOSION LIMIT: NOT DETERMINED.

UPPER EXPLOSION LIMIT: NOT DETERMINED.

VAPOR PRESSURE: NOT DETERMINED.

RELATIVE DENSITY: BETWEEN 0.77 AND 0.85 (WATER EQUALS 1.00)

VAPOUR DENSITY NOT DETERMINED.

EVAPORATION RATE NOT APPLICABLE.

PARTITION COEFFICIENT N-OCTONAL/WATER: NOT DETERMINED.

SOLUBILITY: NOT DETERMINED.

VISCOSITY: NOT DETERMINED.

VOC CONTENT: 597.0 G/L / 4.98 LB/GL

VOC CONTENT (LESS EXEMPT SOLVENTS): 47.5 %

MIR VALUE: 0.96

SOLIDS CONTENT: 52.4 %

-----10 STABILITY AND REACTIVITY -----

REACTIVITY: STABLE AT NORMAL TEMPERATURES.

CONDITIONS TO AVOID:

DO NOT ALLOW CAN TO EXCEED 120 DEGREES FAHRENHEIT. DO NOT WAREHOUSE IN

SUBFREEZING TEMPERATURES.

CHEMICAL STABILITY: NOT FULLY EVALUATED.

POSSIBILITY OF HAZARDOUS REACTIONS: NO DANGEROUS REACTIONS KNOWN.

INCOMPATIBLE MATERIALS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

HAZARDOUS DECOMPOSITION: NO DANGEROUS DECOMPOSITION PRODUCTS KNOWN.

-----11 TOXICOLOGICAL INFORMATION -----

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

110-19-0 ISOBUTYL ACETATE:

ORAL:

LD50: 4763 MG/KG (RBT)

106-97-8 N-BUTANE:

INHALATIVE:

LC50/4 H: 658 MG/L (RAT)

INFORMATION ON TOXICOLOGICAL EFFECTS: NO DATA AVAILABLE.

SENSITIZATION: NO SENSITIZING EFFECTS KNOWN.

CARCINOGENIC CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

108-88-3 TOLUENE 3

NTP (NATIONAL TOXICOLOGY PROGRAM): NONE OF THE INGREDIENTS IS LISTED.

OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION):

NONE OF THE INGREDIENTS IS LISTED.

-----12 ECOLOGICAL INFORMATION -----

AQUATIC TOXICITY: HAZARDOUS FOR WATER, DO NOT EMPTY INTO DRAINS.

PERSISTENCE AND DEGRADABILITY:

THE PRODUCT IS DEGRADABLE AFTER PROLONGED EXPOSURE TO NATURAL WEATHERING
PROCESSES.

BIOACCUMULATIVE POTENTIAL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

MOBILITY IN SOIL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

OTHER ADVERSE EFFECTS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

-----13 DISPOSAL CONSIDERATIONS -----

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE, OR COMPACT. PARTIALLY EMPTY CANS MUST BE DISPOSED OF RESPONSIBLY. DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCHES.

RECOMMENDATION: COMPLETELY EMPTY CANS SHOULD BE RECYCLED.

-----14 TRANSPORT INFORMATION -----

UN-NUMBER: UN1950

DOT: AEROSOLS, FLAMMABLE

ADR: 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

TRANSPORT HAZARD CLASS(ES):

CLASS: 2.1

MARINE POLLUTANT: YES

SYMBOL (FISH AND TREE)

SPECIAL PRECAUTIONS FOR USER:

WARNING: GASES

EMS NUMBER: F-D,S-U

PACKAGING GROUP:

UN "MODEL REGULATION":

UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1

-----15 REGULATORY INFORMATION -----

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

NONE OF THE INGREDIENTS IN THIS PRODUCT ARE LISTED.

SARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

7440-66-6

ZINC POWDER

108-88-3 TOLUENE

CPSC:

THIS PRODUCT COMPLIES WITH 16 CFR 1303 AND DOES NOT CONTAIN MORE THAN 90
PPM OF LEAD.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

NONE OF THE INGREDIENTS IN THIS PRODUCT ARE LISTED.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:

108-88-3 TOLUENE

EPA:

7440-66-6 ZINC POWDER D, I, II

108-88-3 TOLUENE II

110-19-0 ISOBUTYL ACETATE D

-----16 OTHER INFORMATION -----

CONTACT: REGULATORY AFFAIRS

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