



SHARKHIDE METAL PROTECTANT

Material Safety Data Sheet

PRODUCT NAME: SHARKHIDE Metal Protectant HMIS CODES: H F R P
PRODUCT CODE: 2 3 O J
PREPARED FOR: FLATWATER, INC.

SECTION I -- MANUFACTURER IDENTIFICATION

MANUFACTURED FOR FLATWATER, INC. P.O. Box 702 O'Fallon, IL. 62269
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SECTION II -- HAZARDOUS INGREDIENTS/SARA III INFORMATION

Occupational Exposure Limits Vapor-Pressure Weight

Hazardous Components Case # OSHA PEL ACGIH TLV Other as Hg @ Temp Percent

* Xylene 1330-20-7 100 ppm 100 ppm 150 Stel 9.0 77F 38

* Toluene 108-88-3 100 ppm 100 ppm 150 Stel 26.0 77F 49

Indicates toxic chemical(s) subject to the reporting requirements of section 313 or Title III and of 40 CFR 372.

NA=NOT APPLICABLE NE=NOT ESTABLISHED ND=NOT DETERMINED C=CEILING P=PEAK

M=MANUFACTURES

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SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE: 231 to 270 Deg F SPECIFIC GRAVITY (H2O=1) 0.9

VAPOR DENSITY: Heavier than Air EVAPORATION RATE: Slower than Ether

COATING V.O.C.: 6.44 LB/GL (772 G/L)

MATERIAL V.O.C.: 6.44 LB/GL (772 G/L)

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Clear Liquid, Mild Odor

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 48 Deg F METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME—LOWER: 1% UPPER: 7.1%

EXTINGUISHING MEDIA: Foam, Alcohol Foam, Coz, Dry Chemical, Water Fog.

SPECIAL FIREFIGHTING PROCEDURES:

Wear full protective clothing & self-contained breathing apparatus. Water spray may be ineffective. Cool

closed containers with water to prevent pressure build-up and possible auto ignition or explosion with exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate from heat, sparks, open flame and electrical equipment. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Empty containers may contain explosive vapors. Do not cut or weld, grind or drill, on or near full or empty containers.

SECTION V -- REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Elevated Temperatures

INCOMPATIBILITY (Materials to Avoid)

Strong Acids, Strong Alxalis, Oxidizing Agents, and Catalysis

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon Monoxide and Carbon Dioxide, Others Unknown
HAZARDOUS POLYMERIZATION:
Will not occur under normal conditions

SECTION VI -- HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Irritation of upper respiratory tract and central nervous system depression. Symptoms include: Confusion, dizziness, fatigue, headache, loss of balance & coordination, nausea, or unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

SKIN: Redness and cracking. Liquid penetrates shoes and leather causing delayed burns. EYES: Moderate to severe irritation, tearing, redness, and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Low toxicity through skin absorption; however, effects of inhalation exposure may be increased.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. There is a pulmonary aspiration hazard if this product is swallowed and vomiting occurs.

HEALTH HAZARDS (ACUTE AND CHRONIC):

INHALATION: Dizziness, headache, loss of balance & coordination, nausea, unconsciousness, death.

SKIN: Defeating, redness and dermatitis. EYE CONTACT: Moderate to severe irritation and blurred vision.

INGESTION: Nausea, vomiting and diarrhea. CHRONIC: See notice in Section VII concerning Solvents.

CARCINOGENICITY:

NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Preexisting breathing difficulties and other respiratory disorders, headaches, dermatitis and eye disorders.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move person to fresh air. If breathing stops, give Artificial Respiration, administer oxygen if available, get immediate medical assistance. EYE CONTACT: Immediately flush eyes with cool water for 15-minutes, get medical assistance. INGESTION: Do not induce vomiting! Get medical assistance. SKIN: Wash with soap & water, remove contaminated clothing, wash clothing before reuse.

Consult doctor if necessary.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition, ventilate area, avoid breathing vapors, contain spill & remove with cloth absorbent, use non-sparking tools.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers, violent explosion could occur. Use only a licensed disposal firm/facility.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not store above 100-F. Ground containers when pouring or transferring. Keep away from heat spark & flame. Store containers upright to prevent leakage. Do not puncture or reuse containers. See osha 1910.106 for proper storage conditions. Prohibit smoking in areas this product is used. Keep out of reach of children. For industrial use only.

OTHER PRECAUTIONS:

See the national electrical code for electrical equipment requirements. Solvent vapors are heavier than air and travel near ground level. They also accumulate in low areas and pits. NOTICE:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

** Do not use until all safety precautions have been read and understood.

SECTION VIII -- CONTROL MEASURES

RESPIRATORY PROTECTION:

Wear a properly fitted, NIOSH/MSHA approved, chemical/mechanical respirator to keep worker exposure below the time weighted average threshold limit values. In confined or poorly ventilated areas, wear a NIOSH/MSHA approved, air line respirator or hood. Consult your local safety equipment supplier for approved respirators and fitting instructions.

VENTILATION:

Provide general clean air dilution or local exhaust ventilation to keep the concentration of fumes below lower explosive limits and exposure limits.

PROTECTIVE GLOVES:

Use impervious gloves to prevent skin contact.

EYE PROTECTION:

Splash proof goggles or face shield, *Do not wear contact lenses*

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant apron, chemical resistant boots for spill clean up.

WORK/HYGIENIC PRACTICES:

Wash hands before eating, smoking, or using the bathroom. Avoid skin contact.

SECTION IX -- DISCLAIMER

DISCLAIMER: Flatwater, Inc will not be liable for any incidental or consequential damages. Final determination of the suitability of the material for the use contemplated, the manner of use, and whether the suggested use infringes any patent is the sole responsibility of the buyer.

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To the best of our knowledge, the information contained herein is accurate, and was obtained from sources believed by Flatwater, Inc. to be accurate.

SECTION X -- TRANSPORTATION INFORMATION

Domestic Ground Transportation

DOT Shipping Name: PAINT

DOT Hazard Class: 3

UN Number: UN1263

DOT Packing Group: II

Label Required: FLAMMABLE LIQUID