

MOIST METAL GRIP

The right coating for ultimate protection.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

PRODUCT IDENTIFIER: Moist Metal Grip
PRODUCT USE: Cover and Protect All Metal Surfaces Above & Below Waterline
MANUFACTURER: Superior Product International II, Inc.
ADDRESS: 10835 W. 78th Street Shawnee, KS 66214
EMERGENCY TELEPHONE #: 1-800-424-9300 **TELEPHONE:** 202-483-7616

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS/PIN	LD ₅₀ (Species/Route)	LC ₅₀ (Species)
Xylene	10-30	1330-20-7	2.5-10 mL/kg (oral, rat)	20g/m3, 4h (rat)
Methyl Isobutyl Ketone	10-30	108-1-1	1600 mg/kg (oral, guinea pig) 2080 mg/kg (oral, rat)	23.3 g/m3 (mouse)
Cyclohexanone	0.5-1.5	108-94-1	1535 mg/kg (oral, rat)	8000 ppm (rat)
Modified Polyamide Resin	5-10	Not Assigned	NAV	NAV
Epoxy Resin	10-30	25036-25-3	10-30 g/kg (oral, various) 20 g/kg (dermal, rabbit)	NAV

SECTION III- HAZARD IDENTIFICATION

The product is a flammable, solvent-based epoxy and should be treated according to all know safety precautions. Refer to Section VII for Storage and Handling recommendations, Section VIII for Personal Protection, Section XIV for transport.

SECTION IV - FIRST AID MEASURES

INHALATION: Remove to fresh air. Give oxygen if required. Seek medical help.
EYES: Flush eyes with water for at least 15 minutes; see physician.
SKIN: Remove contaminated clothes; wash affected areas with mild soap.
INGESTION: Do not induce vomiting. Give 1-2 glasses water or milk. Seek medical attention according to amount of product ingested.

SECTION V - FIREFIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and nitrogen oxides, irritant fume of epoxy and polyamide resins
CONDITIONS OF FLAMMABILITY: Application to large surfaces, spraying, exposure to sparks or open flame
FLAMMABLE LIMITS: (Lower) 1.0 % (Upper) 8.0 % **AUTOIGNITION TEMP:** 420 C. degree.
SENSITIVITY TO MECHANICAL IMPACT: No **SENSITIVITY TO STATIC DISCHARGE:** Yes
MEANS OF EXTINCTION: Foam, dry chemical or carbon dioxide **FLASHPOINT & METHOD:** 18 C. degrees TCC
SPECIAL PROCEDURE: Firefighters should wear full-body protection & SCBA.
MINIMUM IGNITION ENERGY: NAV **FIRE POINT:** NAV

SECTION VI- ACCIDENTAL RELEASE MEASURES

Use absorbent to prevent spread. Insure adequate ventilation; use non-sparking tools and protective equipment to collect material.

SECTION VII- HANDLING AND STORAGE

STORAGE REQUIREMENTS: Maintain temperature between 5-50C. degrees; keep container closed. Use flammable liquid storage cabinet for inside storage.
HANDLING PROCEDURES/EQUIPMENT: Ground all containers. Use non-sparking tools.

SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PERSONAL PROTECTIVE EQUIPMENT: Chemical cartridge respirator for organic fumes and mist or aerosol; chemical safety goggles; PVA; nitrile gloves; apron or other skin protection.
ENGINEERING CONTROLS: Ventilation required; if spray, use local exhaust vented directly outside. All equipment should be non-sparking grounded.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid **BOILING POINT:** >116 C. degrees **COEFF. WATER/OIL:** NAV
FREEZING POINT: NAP **SOLUBILITY IN WATER:** Slight **VAPOUR DENSITY (Air = 1):** 3.4
ODOR THRESHOLD: @ 1 ppm **VOLATILES:** @40 **VAPOUR PRESSURE:** <6 mmHg @ 20 C. Deg.
EVAPORATION RATE: Slow **pH:** NAP **SPECIFIC GRAVITY:** 1.31
APPEARANCE AND ODOR: Opaque; solvent odor

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MSDS (Continued)

SECTION X – STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY: Mixing with resin catalyst to speed drying reaction **CORROSIVE:** No
CONDITIONS OF INSTABILITY: Stable **HAZARDOUS DECOMPOSITION PRODUCTS:** No
CHEMICAL INCOMPATIBILITY: Strong acids, bases, oxidizing agents, zinc

SECTION XI - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: Skin Contact: **X** Eye Contact: **X** Ingestion: **X** Inhalation: **X**
SYNERGISTIC PRODUCTS: Cigarette Smoke **IRRITANCY:** Skin irritation, skin drying, eye irritation
TERATOGENICITY: Yes **CARCINOGENICITY:** May contain trace epichlorohydrin, a confirmed IARC carcinogen
EXPOSURE LIMITS: Xylene 435 mg/m³ (ACGIH); Methyl Isobutyl Ketone 205 mg/m³ (ACGIH); Cyclohexanone 100 mg/m³ (ACGIH)
REPRODUCTIVE TOXICITY: Some evidence **SENSITIZATION:** Yes **MUTAGENICITY:** NAV
EFFECTS OF ACUTE EXPOSURE: Eye/ nose/respiratory irritation, intoxication, contact dermatitis, loss of appetite, headache, dizziness, fatigue
EFFECTS OF CHRONIC EXPOSURE: Liver, lung and kidney damage

SECTION XII – ENVIRONMENTAL INFORMATION

AIR: 3.48 lbs./gallon; 420 grams/litre V.O.C.
WATER: Insoluble in water.
SOIL: Lead- and chromate-free, not hazardous under RCRA 40CFR

SECTION XIII – WASTE DISPOSAL

Allow product to dry; designated landfill for dry waste. Approved controlled incineration. Check local government regulations.

SECTION XIV – TRANSPORT INFORMATION

Product is considered hazardous material, to be handled according to Class3//UN1263/P.G. II guidelines.

SECTION XV – REGULATORY INFORMATION

No listed materials under Superfund Amendments and Reauthorization Act of 1988 (SARA) 302, 304, 311, 312, 313; MIBK (CAS 108-10-1) (CAS) 1330-20-7)

SECTION XVI – OTHER INFORMATION

NAV

PREPARATION INFORMATION

PREPARED BY: J. Pritchett, Superior Product International II, Inc. **DATE OF PREPARATION:** 04/24/06