

MATERIAL SAFETY DATA SHEET

POWER SEAL METAL SEALANT



MSDS DATE: 7/31/2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Power Seal Metal Sealant and Protectant

SYNONYMS:

PRODUCT CODES: #11021

MANUFACTURER: RJ Star Inc.

DIVISION:

ADDRESS: 11469 8th St NE – Hanover, MN 55341

EMERGENCY PHONE: 763-497-5155

FAX PHONE: 763-497-5125

PRODUCT USE: Metal sealant, metal protectant

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Aliphatic Hydrocarbon

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
8052-41-3	< 15	< 15	NO
OSHA PEL-TWA: 100 ppm ACGIH TLV-TWA: 100 ppm			

Alkylene diaminofunctional fluid

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Trade Secret	< 5	< 5	NO
OSHA PEL-TWA: Not established ACGIH TLV-TWA: Not established			

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Ingestion, eye contact, skin contact, inhalation.

POTENTIAL HEALTH EFFECTS

EYES: May cause mild irritation

SKIN: Mild irritation on prolonged exposure

INGESTION: If swallowed, may cause nausea, diarrhea, vomiting

INHALATION: Not a normal route of entry

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: None

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CARCINOGENICITY

OSHA: N/A

ACGIH: N/A

NTP: N/A

IARC: N/A

SECTION 4: FIRST AID MEASURES

EYES: Flush immediately with large amounts of water for 15 minutes. Consult physician.

SKIN: Wash with soap and water. Remove contaminated clothing and footwear.

INGESTION: Do not induce vomiting. Get medical attention.

INHALATION: Remove to fresh air.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: 143° F

NFPA HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 2

INSTABILITY: 0

SPECIAL HAZARDS: NONE

HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 2

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: A

EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus in the pressure demand mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon on incineration

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Mop up for reuse/disposal

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep in original container. Keep from freezing.

OTHER PRECAUTIONS: Keep product away from children.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Standard industrial practices

RESPIRATORY PROTECTION: Standard industrial practices

EYE PROTECTION: Protective eyeglasses or chemical safety goggles

SKIN PROTECTION: Protective gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Standard industrial practices

WORK HYGIENIC PRACTICES: Standard industrial hygienic practices

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off-white liquid

ODOR: Fruit scent

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 6.5

BOILING POINT

F: > 212

C: > 100

MELTING POINT: N/A

F:

C:

FREEZING POINT

F: 32

C: 0

VAPOR PRESSURE (mmHg): approx. 17

@

F: 77

C: 25

VAPOR DENSITY (AIR = 1): < 1

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): 0.94

@

F: 77

C: 25

EVAPORATION RATE: 0.4

BASIS (=1)

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Slight

VOLATILE ORGANIC COMPOUNDS (VOC): approx. 149 g/liter (1.24 lb/gallon)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Elevated temperatures, freezing conditions, strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon on incineration

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: In accordance with applicable local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

FREIGHT CLASS: Class 55

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

SECTION 16: OTHER INFORMATION

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