

**MATERIAL SAFETY DATA SHEET**  
**POWER SEAL METAL SEALANT**



**MSDS DATE: 12/17/2012**

**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 8<sup>th</sup> 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 diaminefunctional 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

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**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

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**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 (H<sub>2</sub>O = 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**

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**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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