

MATERIAL SAFETY DATA SHEET
POWER SEAL METAL SEALANT

MSDS DATE: 2/15/2006

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

MATERIAL SAFETY DATA SHEET

POWER SEAL METAL SEALANT



MSDS DATE: 2/15/2006

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.

MATERIAL SAFETY DATA SHEET

POWER SEAL METAL SEALANT



MSDS DATE: 2/15/2006

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)

MATERIAL SAFETY DATA SHEET
POWER SEAL METAL SEALANT



MSDS DATE: 2/15/2006

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

MATERIAL SAFETY DATA SHEET
POWER SEAL METAL SEALANT



MSDS DATE: 2/15/2006

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

DISCLAIMER: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use.