## MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: K&W® Permanent Metallic<sup>TM</sup> Block Seal

Product Number (s): 401008, 401016, 401016D, 401016-6, 841016, 841016AZ

Manufactured By: CRC Industries, Inc. (215) 674-4300

885 Louis Drive, Warminster, PA 18974

24-Hour Emergency Information: CHEMTREC (800) 424-9300

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Section 2: Composition/Information on Ingredients

Component CAS ACGIH OSHA OTHER %

NUMBER TLV PEL LIMITS

Sodium Silicate 1344-09-8 NE NE NE >90

Iron Oxide 1317-60-8 NE NE NE <10

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Section 3: Hazards Identification

**Emergency Overview** 

Appearance & Odor: Reddish-brown lumpy liquid, practically odorless

Danger: Irritant

Potential Health Effects:

Inhalation: Non expected, however certain individuals may be sensitized and experience minor nausea or

headaches.

Eyes: Liquid or vapors may cause irritation.

Skin: Non expected, however, prolonged contact may cause irritation.

Ingestion: May cause gastric distress, vomiting and diarrhea.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Pre-existing skin, eye or respiratory disorders may become aggravated through

prolonged exposure.

Medical Conditions Aggravated by Exposure: Pre-existing skin, eye or respiratory disorders.

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Section 4: First Aid Measures

Inhalation: Remove to fresh air, if symptoms persist, seek medical attention.

Eyes: Flush with large amounts of water for 15 minutes.

Skin: Remove contaminated clothing and wash area with soap and water.

## Product Name: K&W® Permanent Metallic<sup>TM</sup> Block Seal

Product Number (s): 401008, 401016, 401016D, 401016-6, 841016, 841016AZ

Ingestion: Give two glasses of water for dilution. DO NOT induce vomiting. Seek medical attention.

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Section 5: Fire-Fighting Measures

Flashpoint: None Method: TCC LEL: NA UEL: NA

Extinguishing Media: CO<sup>2</sup>, water, dry chemical, water fog, and chemical foam.

**Hazardous Combustion Products:** 

Fire-fighting Instructions: Keep containers in cool with water spray to prevent container rupture due to steam

build up.

NFPA: Health: 1 Flammability: 0 Reactivity: 0

HMIS: Health: 1 Flammability: 0 Reactivity: 0 PPE: B

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Section 6: Accidental Release Measures

Spill/Leak Procedures: Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

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Section 7: Handling and Storage

Handling Procedures: Store in a cool, dry area.

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Section 8: Exposure Controls/Personal Protection

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

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Section 9: Physical & Chemical Properties

Physical State: Liquid Appearance & Odor: Reddish-brown lumpy liquid, practically

odorless

Specific Gravity: 1.37 Boiling Point: 212°F

Freezing Point: ND Vapor Pressure: 17 mm Hg @ 20°C

## Product Name: K&W® Permanent Metallic™ Block Seal

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Evaporation Rate: Vapor Density (air = 1) >1 <1 pH: Solubility: 11.5 Complete g/L: 0 Volatile Organic Compounds %: 0 lbs./gal: 0 Section 10: Stability and Reactivity Hazardous Polymerization: No Stability: Stable Chemical Incompatibilities: Strong oxidizers, strong acids

Materials to Avoid: Applications to hot surfaces or exposure to open flame or storage above

120°F

None Hazardous Decomposition Products:

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

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Section 12: Ecological Information

Ecotoxicity: No data available.

Environmental Fate: No data available for biodegradation.

Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name: Not Regulated

Hazard Class: None UN Number: NA Packing Group: NA

Label: NA Placard: NA

**Special Provisions:** 

Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.

Section 311/312: Section 313\*:NA SARA Title III: NA

CERCLA/Superfund (RQ): NA

## Product Name: K&W® Permanent Metallic™ Block Seal

Product Number (s): 401008, 401016, 401016D, 401016-6, 841016, 841016AZ

Extremely Hazardous Substances: NA California Prop 65: NA

\* See section 2 for percentage

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Section 16: Additional Information

Prepared By: Michelle Milburn Date: November 25, 2003

Technical Information: (800) 521-3168 CRC #: 902

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS: Chemical Abstract Service NA: Not Applicable Not Determined Parts per Million ND: ppm: Tag Closed Cup NE: Not Established TCC: LEL: Lower Explosive Limit g/L: grams per Liter UEL: Upper Explosive Limit lbs./gal: pounds per gallon PPE: Personal Protection Equipment Reportable Quantity RQ: