

# Safety Data Sheet

# CRS-16

Complies with OSHA's Hazard Communication Standard  
29 CFR 1910.1200.

Date of Preparation: February 1999  
Date of Revision/Review: May 2014

## 1. IDENTIFICATION

**Part No. and Description:** CRS-16, Ceramic Motor Seal

**Product Purpose:** Forms rigid seal in crevices and joints.

**Chemical Family or Formula:** Alkaline inorganic salt solution.

**Manufacturer:** Irontite by Kwik-Way Inc

500 57th Street  
Marion, IA 52302  
800-423-3384

**Distributed by:** Goodson Tools & Supplies

156 Galewski Drive, PO Box 847  
Winona, MN 55987  
800-533-8010 or 507-452-1830

**Emergency Phone:** 800-924-6804 (24 hours) or Transportation Emergency = 800-423-3384

Note: The purpose of this SDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components.

## 2. HAZARDOUS INGREDIENTS

CAS#	SARA 313		Material or Component	Exposure Limits(ppm)		
	ON?	De minimis		RQ#	TWA*	STEL*
1344-09-8	No	NA	Silicic acid, sodium salt	None	Not established	
1318-93-0	No	NA	Sodium montmorillonite	None	Not established	
14807-96-6	No	NA	Magnesium silicate hydrate	None	Not established	
9002-88-4	No	NA	Polyolefin	None	Not established	
1317-33-5	No	NA	Molysulfide	None	Not established	
1333-86-4	No	NA	Carbon black	None	Not established	
7732-18-5	No	NA	Water	None	Not established	

No component is listed in "Threshold and Biological Exposure Indices for 2004" from ACGIH except as noted above. Components listed in Title III Sec. 313 (EPCRA) are indicated by "Yes" above.

\*TWA = Time Weighted Average; STEL = Short Term Exposure Limit; WEEL = Workplace Employee Exposure Level  
NE = Not Established "De minimis" = Threshold reporting limit for SARA 313 for this material.

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Eye and skin irritation from contact with uncured product.

**Routes of Entry:** Eye contact, skin contact, ingestion.

**Chemical Interactions:** No significant interactions known.

**Medical Conditions Aggravated:** None known.

**Human Threshold Response Data**

**Odor Threshold:** Not established

**Irritation Threshold:** Not established

**Hazard Category Classifications and Ratings for dust if produced**

Hazard Categories:	Health	Fire	Pressure	Reactivity
Immediate	Yes	No	No	No
Delayed	No	No	No	No

Reference 49 CFR 171.8,  
OSHA 29 CFR 1910.1200 and  
SARA 302/311/312/313.

**HMIS Hazard Ratings:** Health = 1 Fire = 0 Instability = 0 Other = NA

**NFPA 704 Hazard Ratings:** Health = 1 Flammability = 0 Reactivity = 0 Special = NA

**Hazard Ratings:** Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

\* "Yes" in Delayed Fire hazard category indicates that this material poses a spontaneous combustion hazard.

## **Hazards Identification (continued)**

**Breathing:** Not a consideration.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause severe irritation.

**Swallowing:** Not a likely occurrence.

**Conditions aggravated by exposure:**

None known.

**Prolonged (Chronic) Health Effects:**

None known.

## **4. FIRST AID**

**Inhalation:** Not a consideration.

**Skin Contact:** Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists. Seek immediate medical treatment in the event of burns.

**Eyes:** Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.

**Ingestion:** Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

## **5. FIRE FIGHTING MEASURES**

**Flammability Summary (OSHA):**

**Flammable Properties:** Material will not burn under any circumstances.

**Flash Point:** None

**Autoignition Temperature:** None

**Upper Flammable/Explosive Limit, % in air:** None

**Lower Flammable/Explosive Limit, % in air:** None

**Fire/Explosion hazards:** None

**Extinguishing Media:** Use equipment appropriate to the main cause of the fire.

**Fire Fighting Instructions:** Use equipment appropriate to the main cause of the fire.

## **6. ACCIDENTAL RELEASE MEASURES**

**General:** Minimal to no hazard from spill.

**Small Spill:** Scrape up for use, reclaim or disposal.

**Large Spill:** Scrape up for use, reclaim or disposal.

## **7. HANDLING AND STORAGE**

**Handling:** Store in a dry place. Keep containers closed when not in use.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Ventilation:** No ventilation considerations required for this product.

**Protective Equipment for Routine Use of Product Where Appropriate:**

**Respiratory Protection:** Not a consideration as there are no hazardous fumes associated with this product.

**Skin:** Wear appropriate gloves to protect skin during extended handling.

**Eyes:** Do not rub eyes with contaminated hands or toweling.

**Protective Clothing Type:** Generally not required. Wear clothing as appropriate for handling and contact with product.

Exposure Limit Data: See Section II

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Color:** Grey

**Odor:** Nil

**Molecular Weight:** Not available

**pH (@ 25 Deg. C):** Not applicable

**Octanol/Water Coeff:** No data.

**Bulk Density:** Not applicable

**Vapor Density (Air = 1):** Not volatile

**Vapor Pressure 20°C:** None

**Evaporation Rate (Butyl acetate = 1):** Not applicable

**Volatiles % by wt:** 55 approx.

**Boiling Point @ 20 mm Hg:** NA

**Freezing Point:** NA

**Solubility in Water:** Approx. 95%

**Specific Gravity:** Approx. 1.4

## 10. STABILITY AND REACTIVITY

**Stability and Reactivity Summary:** Stable under normal conditions.

**Reactive Properties:**

**Sensitivity to mechanical shock:** None

**Hazardous Polymerization:** Cannot occur.

**Conditions to Avoid:** None

**Chemical Incompatibility:** None

**Incompatible materials:** Water will disperse material and make it unsuitable for use, but offer no hazard.

**Hazardous decomposition Products:** None

**Decomposition Temperature:** Not determined

**Product May be Unstable at Temperatures Above:** None

## 11. TOXICOLOGICAL INFORMATION

**Component Animal Toxicology**

**Results for major ingredient:** Contains no toxic ingredients.

**Oral LD50 value mg/kg:** No data

**Dermal LD50 value mg/kg:** No data

**Inhalation LC50 value:** No data

**Mutagenicity:** No data

**Carcinogenicity:** The chemicals in this product are known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP, or EPA.

## 12. ECOLOGICAL INFORMATION

**Ecological Toxicity Values:**

**Environmental fate:** No information found.

**Environmental Toxicity:** No information found.

## 13. DISPOSAL CONSIDERATIONS

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS.

**Waste Disposal Summary:** Product as supplied does not qualify as a hazardous waste.

**Potential US EPA Waste Codes:** Not applicable.

**Disposal Methods:** Dispose of in accordance with Local, State and Federal regulations.

**Components subject to land ban restrictions:** No components subject to land ban restrictions.

## **14. TRANSPORT INFORMATION**

**Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number:**

Not regulated.

**Labels required per 49 CFR 172.101:** None

**Size for "Limited quantity" per 49 CFR 173.150-.155:** Not applicable

**Reportable Quantity ("RQ") per 49 CFR 172.101:** None

**Passenger and Cargo Air & Rail (172.101):** Not regulated

**Eff. Jan 1, 2001 Cargo only:** Not regulated

**Vessel Stowage:** Not regulated

## **15. REGULATORY INFORMATION FOR PRODUCT AS SUPPLIED**

**United States:**

**Toxic Substances Control Act (TSCA):** The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

**Pesticide acceptance indication: US EPA Registration Number:** Not applicable

**California Prop. 65:** Not listed

**Hazard Categories Sections 311/312 (40 CFR 370.2):**

**Health:** Acute = No; Fire = No; Pressure = No

Chronic = No; Reactivity = No

**Emergency Planning & Community Right to Know (40 CFR 355, App. A):**

**Extremely Hazardous Substance Section 302 - Threshold Planning Quantity:** None

**Reportable Quantity (40 CFR 302.4):** None

**State Right-to-Know Regulations Status of Ingredients**

**Pennsylvania:** None

**New Jersey:** None

**Massachusetts:** None

## **16. OTHER INFORMATION**

This SDS is intended to provide adequate information for the safe industrial use of the product. It is not intended as a comprehensive reference for its component pure materials.

THIS SAFETY DATA SHEET (SDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS SDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. WE BELIEVE THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF ITS PUBLICATION DATE, BUT MAKE NO WARRANTY THAT IT IS. IF THIS SDS IS MORE THAN THREE YEARS OLD YOU SHOULD CONTACT THE SUPPLIER TO MAKE CERTAIN THAT THE INFORMATION IS CURRENT.