



# Safety Data Sheet

Issue Date: 01-Jun-2012

Revision Date: 13-Jan-2016

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** #20 Clear Sealant®

### Other means of identification

**SDS #** RCD 20

### Recommended use of the chemical and restrictions on use

**Recommended Use** Construction sealant and gasketing material.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

RCD Corporation  
2850 Dillard Road  
Eustis, FL 32726  
www.rcdmastics.com

### Emergency Telephone Number

**Company Phone Number** 352-589-0099  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** White viscous liquid

**Physical state** Viscous liquid

**Odor** Pleasant

### Classification

Serious eye damage/eye irritation

Category 2A

### Signal Word

**Warning**

### Hazard statements

Causes serious eye irritation



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Please also refer to subsequent sections of this SDS for additional information regarding the components of this product.

Chemical Name	CAS No.	Weight-%
Caustic Potash (KOH) Liq 45%	1310-58-3	1-3

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Inorganic particulate materials may cause mechanical irritation. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Can be removed with waterless hand cleaners as well. DO NOT USE SOLVENTS OR THINNERS to remove from skin. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If breathing is difficult, oxygen should be administered by qualified personnel.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Call a poison center or doctor/physician if you feel unwell.

#### Most important symptoms and effects

<b>Symptoms</b>	Causes skin irritation. Causes serious eye irritation.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Dry chemical or CO2. Water fog. Universal foam.

**Unsuitable Extinguishing Media** Not applicable.

#### Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO2).

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protection recommended in Section 8.

### Environmental precautions

**Environmental precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Provide ventilation. Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

**Methods for Clean-Up** Sweep up and shovel into suitable containers for disposal. Clean up in accordance with all applicable regulations. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store away from incompatible materials. Store away from heat, sparks, flame. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Caustic Potash (KOH) Liq 45% 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	(vacated) Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area. Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Wear approved safety goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Use NIOSH/MSHA approved dust and mist respirator when spraying product. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Routinely wash work clothing and protective equipment to remove contaminants. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Viscous liquid	<b>Odor</b>	Pleasant
<b>Appearance</b>	White viscous liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0-8.5	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	> 162.7 °C / > 325 °F	Tag Open Cup
Evaporation Rate	Same as water	
Flammability (Solid, Gas)	Non-flammable	
Flammability Limits in Air		Not applicable
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Equal to water	
Vapor Density	equal to water	
Relative Density	>1.30	
Water Solubility	Miscible in water	
Solubility in other solvents	Soluble	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not applicable	
Decomposition Temperature	>1000°F / >537.7°C	
Kinematic Viscosity	9,660 cSt	
Dynamic Viscosity	90,000 cps	
Explosive Properties	None - Stable	
Oxidizing Properties	None - Stable	

### Other Information

VOC Content <50 g/L

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Heat, flames and sparks.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Causes serious eye damage.
<b>Skin Contact</b>	Not a primary skin irritant.
<b>Inhalation</b>	Not an expected route of exposure.
<b>Ingestion</b>	The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed.

### Component Information

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Caustic Potash (KOH) Liq 45% 1310-58-3	= 284 mg/kg ( Rat )	-	-

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	25,310.00 mg/kg
<b>ATEmix (dermal)</b>	1,395,973.00 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
1,2 Propanediol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static	1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50
Caustic Potash (KOH) Liq 45% 1310-58-3		80: 96 h Gambusia affinis mg/L LC50 static	

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Caustic Potash (KOH) Liq 45% 1310-58-3	0.83

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste Status
Caustic Potash (KOH) Liq 45% 1310-58-3	Toxic Corrosive

**14. TRANSPORT INFORMATION**

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	
<b>Marine Pollutant</b>	This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
1,2 Propanediol	X	X	X	Present	X	Present	X	X
Caustic Potash (KOH) Liq 45%	X	X	X	Present	X	Present	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations**

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Caustic Potash (KOH) Liq 45% 1310-58-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Caustic Potash (KOH) Liq 45%	1000 lb			X

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
1,2 Propanediol 57-55-6	X		X
Caustic Potash (KOH) Liq 45% 1310-58-3	X	X	X

## 16. OTHER INFORMATION

**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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None

**HMIS****Health Hazards****Flammability****Physical hazards****Personal Protection**

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Issue Date:

01-Jun-2012

Revision Date:

13-Jan-2016

Revision Note:

New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet