



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product Name</b>	<b>KwikWood</b>
<b>CAS #</b>	Mixture
<b>Product use</b>	Repairs and rebuilds wood
<b>Manufacturer</b>	J-B Weld Company P.O. Box 483 Sulphur Springs, TX 75482 US Phone: 903-885-7696

## 2. Hazards Identification

<b>Emergency overview</b>	CAUTION MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.
<b>Potential short term health effects</b>	
<b>Routes of exposure</b>	Eye, Skin contact, Ingestion.
<b>Eyes</b>	May cause irritation.
<b>Skin</b>	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
<b>Inhalation</b>	Not a normal route of exposure.
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Target organs</b>	Eyes. Skin.
<b>Chronic effects</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Signs and symptoms</b>	Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>OSHA Regulatory Status</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
<b>Potential environmental effects</b>	See section 12.

## 3. Composition / Information on Ingredients

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>Percent</b>
Hydrous magnesium silicate	14807-96-6	15 - 40
Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis, homopolymer	25085-99-8	10 - 30
Bisphenol A diglycidyl ether - bisphenol A copolymer	25036-25-3	1 - 5
Chlorite-group minerals	1318-59-8	1 - 5
Phenol, 2,4,6-tris[(dimethylamino)methyl]-	90-72-2	1 - 5
Silica-crystalline, quartz	14808-60-7	0.1 - 1

## 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin contact</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Inhalation</b>	Not a normal route of exposure.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire Fighting Measures

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<b>Flammable properties</b>	Not flammable by WHMIS/OSHA criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical. Foam. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

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## 6. Accidental Release Measures

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<b>Personal precautions</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Environmental precautions</b>	Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for containment</b>	Stop the flow of material, if this is without risk.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Dampen material with water and use shovel or scoop to collect material in clean container for proper disposal. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

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## 7. Handling and Storage

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<b>Handling</b>	Use good industrial hygiene practices in handling this material. Avoid contact with eyes and skin. Avoid prolonged or repeated skin contact with this material. Wash thoroughly after handling.
<b>Storage</b>	Keep out of reach of children. Store in a closed container away from incompatible materials.

## 8. Exposure Controls / Personal Protection

### Exposure limits

Ingredient(s)	Exposure Limits
Bisphenol A diglycidyl ether - bisphenol A copolymer	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Chlorite-group minerals	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Hydrous magnesium silicate	<b>ACGIH-TLV</b> TWA: 2 mg/m3 <b>OSHA-PEL</b> Not established
Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] homopolymer	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Phenol, 2,4,6-tris[(dimethylamino)methyl]-	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Silica-crystalline, quartz	<b>ACGIH-TLV</b> TWA: 0.1 mg/m3 <b>OSHA-PEL</b> TWA: 0.1 mg/m3

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye / face protection

Safety glasses if eye contact is possible.

#### Hand protection

Rubber gloves. Confirm with a reputable supplier first.

#### Skin and body protection

As required by employer code.

#### Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

Appearance	Pliable
Color	Brown
Form	Putty
Odor	Not available
Odor threshold	Not available
Physical state	Solid
pH	Not available
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available

<b>Flash point</b>	> 140 °F (> 60.00 °C)
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not applicable
<b>Flammability limits in air, upper, % by volume</b>	Not applicable
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	0.93
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Insoluble
<b>Percent volatile</b>	Not available

## 10. Stability and Reactivity

<b>Reactivity</b>	None known.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers. Caustics.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.

## 11. Toxicological Information

### Component analysis - LC50

<b>Ingredient(s)</b>	<b>LC50</b>
Bisphenol A diglycidyl ether - bisphenol A copolymer	Not available
Chlorite-group minerals	Not available
Hydrous magnesium silicate	Not available
Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] homopolymer	Not available
Phenol, 2,4,6-tris[(dimethylamino)methyl]-	Not available
Silica-crystalline, quartz	Not available

### Component analysis - Oral LD50

<b>Ingredient(s)</b>	<b>LD50</b>
Bisphenol A diglycidyl ether - bisphenol A copolymer	Not available
Chlorite-group minerals	Not available
Hydrous magnesium silicate	Not available
Oxirane, 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] homopolymer	30000 mg/kg rat
Phenol, 2,4,6-tris[(dimethylamino)methyl]-	1200 mg/kg rat
Silica-crystalline, quartz	500 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	May cause irritation.
<b>Skin</b>	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.
<b>Inhalation</b>	Not a normal route of exposure.
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Sensitization</b>	Contains a potential skin sensitizer.

**Chronic effects**

Fibrosis was observed in rats exposed to 6 mg/m<sup>3</sup> of hydrous magnesium silicate (talc) for 113 or 122 weeks. Chronic respiratory disease has been observed in workers exposed to up to 3.0 mg/m<sup>3</sup> of airborne talc ore free of asbestos and silica. Prolonged or repeated exposure to fine airborne crystalline silica dust may cause severe scarring of the lungs, a disease called silicosis. Early symptoms of silicosis include cough, mucous production and shortness of breath upon exertion. Product is a non respirable form.

**Carcinogenicity**

Contains a potential carcinogen. Product is a non respirable form.

**ACGIH - Threshold Limit Values - Carcinogens**

Hydrous magnesium silicate	14807-96-6	A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers)
Silica-crystalline, quartz	14808-60-7	A2 - Suspected Human Carcinogen

**IARC - Group 1 (Carcinogenic to Humans)**

Silica-crystalline, quartz	14808-60-7	Monograph 100C [in preparation] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources); Monograph 68 [1997]
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**IARC - Group 3 (Not Classifiable)**

Hydrous magnesium silicate	14807-96-6	Monograph 93 [2010] (inhaled); Supplement 7 [1987]; Monograph 42 [1987]
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**NTP (National Toxicology Program) - Report on Carcinogens - Known Human Carcinogens**

Silica-crystalline, quartz	14808-60-7	Known Human Carcinogen (respirable size)
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**U.S. - California - Proposition 65 - Carcinogens List**

Silica-crystalline, quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)
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**Mutagenicity**

Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects**

Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity**

Non-hazardous by WHMIS/OSHA criteria.

**Name of Toxicologically Synergistic Products**

Not available

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## 12. Ecological Information

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**Ecotoxicity**

See below

**Ecotoxicity - Freshwater Fish - Acute Toxicity Data**

Hydrous magnesium silicate	14807-96-6	96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]
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**Persistence / degradability**

Not available

**Bioaccumulation / accumulation**

Not available

**Mobility in environmental media**

Not available

**Environmental effects**

Not available

**Aquatic toxicity**

Not available

**Partition coefficient**

Not available

**Chemical fate information**

Not available

**Other adverse effects**

Not available

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## 13. Disposal Considerations

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**Disposal instructions**

Review federal, state/provincial, and local government requirements prior to disposal.

**Waste from residues / unused products**

Not available

**Contaminated packaging**

Not available

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## 14. Transport Information

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**U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)**

Not regulated as dangerous goods.

## 15. Regulatory Information

### Canadian federal regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

#### Canada - CEPA - High Priority Chemicals as Identified by DSL Categorization

Silica-crystalline, quartz 14808-60-7 Batch 12, published December 26, 2009

#### Canada - WHMIS - Ingredient Disclosure List

Silica-crystalline, quartz 14808-60-7 1 %

### WHMIS status

Controlled

### WHMIS classification

Class D - Division 2A, 2B

### WHMIS labeling



### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

### US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### CERCLA (Superfund) reportable quantity

Acetic acid: 5000.0000

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance**

No

**Section 311 hazardous chemical** Yes

### Clean Air Act (CAA)

Not available

### Clean Water Act (CWA)

Hazardous substance

### State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

#### U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Hydrous magnesium silicate 14807-96-6 Present (exempt except when inhalable dust is present or can be generated by use)

#### U.S. - California - Proposition 65 - Carcinogens List

Silica-crystalline, quartz 14808-60-7 carcinogen, initial date 10/1/88 (airborne particles of respirable size)

#### U.S. - Illinois - Toxic Air Contaminant Carcinogens

Silica-crystalline, quartz 14808-60-7 ACGIH Carcinogen; NTP Known Carcinogen

#### U.S. - Massachusetts - Right To Know List

Hydrous magnesium silicate 14807-96-6 Present (exempt when encapsulated or if particulates are not present and cannot be substantially generated through use of the product)  
Carcinogen; Extraordinarily hazardous

#### U.S. - Minnesota - Hazardous Substance List

Hydrous magnesium silicate 14807-96-6 Present (fibrous, nonasbestiform, dust and fume)  
Carcinogen

#### U.S. - New Jersey - Right to Know Hazardous Substance List

Hydrous magnesium silicate 14807-96-6 sn 1773  
Silica-crystalline, quartz 14808-60-7 sn 1660

#### U.S. - Pennsylvania - RTK (Right to Know) List

Hydrous magnesium silicate 14807-96-6 Present  
Silica-crystalline, quartz 14808-60-7 Present (dust)

#### U.S. - Rhode Island - Hazardous Substance List

Hydrous magnesium silicate 14807-96-6 Toxic (powder or fibrous)  
Silica-crystalline, quartz 14808-60-7 Toxic (dust and fiber)

**Inventory name****Country(s) or region**

Canada

Canada

United States &amp; Puerto Rico

**Inventory name**

Domestic Substances List (DSL)

Non-Domestic Substances List (NDSL)

Toxic Substances Control Act (TSCA) Inventory

**On inventory (yes/no)\***

Yes

No

Yes

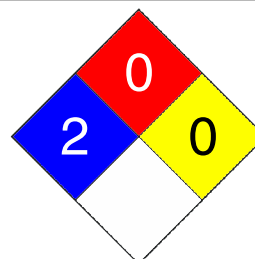
A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

**Disclaimer****Issue date****Effective date****Expiry date****Prepared by****Other information**

Health	* 2
Flammability	0
Physical Hazard	0
Personal Protection	X



Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Dell Tech Laboratories Ltd. (519) 858-5021

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.