



# SAFETY DATA SHEET

Issuing Date 31-Aug 2017

Revision Date 31-Aug 2017

Revision Number 1

## 1. IDENTIFICATION

**GHS Product Identifier**  
Red Threadlocker

**J-B Weld FG SKU Part Numbers Covered**  
27106AUS, 27113AUS, 27136AUS, 27150AUS

**Australia Contact Information**

J-B Weld Distributor: HPP Lunds  
Address: 1/195 Jackson Rd, Sunnybank Hills Qld 4109  
Telephone: 1300 306 781

**New Zealand Contact Information**

J-B Weld Distributor: Griffith Equipment Ltd.  
Address: 22-24 Olive Rd., Penrose, Auckland New Zealand 1061  
Telephone: +64 9 5254577

**Emergency Phone Number**

For advice in an emergency, **In Australia contact** a Poisons Information Centre 13 11 26 or **In New Zealand contact** NZ Poisons Centre 0800 poison (0800 764 7667) or a doctor at once.

**Company Name**

J-B Weld Company LLC, USA

**Address**

1130 Como Street, Sulphur Springs TX 75482-4502, United States  
Telephone: 011 903 885 7696

## 2. HAZARD IDENTIFICATION

**Classification of the substance or mixture**

Hazardous according to the criteria of Safe Work Australia

**GHS classification of the substance/mixture**

**Hazard Class**

Skin Sensitizer

**Hazard Category**

Category 1



**Hazard Pictogram:**

**Signal Word(s)**

Warning

**Hazard Statement(s)**

H317 May cause an allergic skin reaction.

**Precautionary Statement(s):**

**Prevention:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves

**Response:**

P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.



**Disposal:** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

**Dangerous Goods Information:**

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients**

Name	CAS	Proportion
Methacrylate Monomer	25852-47-5	60-90%
Dimethylbenzyl Hydroperoxide	80-15-9	1-5%
Saccharin	81-07-2	1-5%
Alkyl Toluidine	613-48-9	0.1-1%
Aromatic Amine	609-72-3	0.1-1%
Methanol	67-56-1	0.1-1%
Cumene	98-82-8	0.06-0.15%
Ingredients determined not to be hazardous		Balance

### 4. FIRST-AID MEASURES

**Inhalation**

Move to fresh air in case of accidental inhalation of vapors or dizziness. If symptoms persist seek medical attention.

**Ingestion**

If swallowed, DO NOT induce vomiting. Obtain medical attention.

**Skin**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Eye contact**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Emergency Phone Number**

For advice in an emergency, **In Australia contact** a Poisons Information Centre 13 11 26 or **In New Zealand contact** NZ Poisons Centre 0800 poison (0800 764 7667) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray, carbon dioxide (CO<sub>2</sub>), Dry chemical, foam

**Unsuitable Extinguishing Media**

None reasonably foreseeable

**Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes, including carbon monoxide, carbon dioxide, and oxides of nitrogen.

**Specific Hazards Arising from the Chemical**

No hazards to be especially mentioned.

**Precautions in connection with Fire**

Use personal protective equipment. Avoid contact with eyes.



## 6. ACCIDENTAL RELEASE MEASURES

### Emergency Procedures

Increase ventilation. Wear appropriate personal protective equipment and clothing to prevent exposure. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid inhalation of vapours and mist, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the buildup of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area away from sources of ignition, oxidizing agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 – The storage and handling of flammable and combustible liquids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limit values

No exposure standards have been established for this material. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### Biological Limit Values

No biological limits allocated.

### Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances, i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Gel	Appearance	Red liquid
Color	Not available	Odor	Mild
Decomposition Temperature	Not available	Melting Point	Not determined
Boiling Point	>150° C	Solubility in Water	Negligible
Specific Gravity	1.1-1.3	pH	Does not apply
Vapour Pressure	<5 mm Hg	Vapour Density (Air=1)	>1
Evaporation Rate	Not determined	Odour Threshold	Not available
Viscosity	Not available	Volatile Component	Not available
Partition Coefficient: n-octanol / water	Not determined	Flash Point	>95° C
Flammability	Not available	Auto-Ignition Temperature	Not available
Explosion Limit - Lower	Not available	Flammable Limits – Upper	Not available
Explosion Properties	Not available	Oxidizing Properties	Not available

## 10. STABILITY AND REACTIVITY

### Reactivity

Reacts with incompatible materials.

### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Heat, open flames and other sources of ignition.

### Incompatible materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of nitrogen.

### Possibility of hazardous reactions

Reacts with incompatible materials.

### Hazardous Polymerization

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

No toxicity data available for this material.

### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Irritating to mouth, throat and stomach.

### Inhalation

Harmful by inhalation. Inhalation of product vapours may cause irritation of the nose, throat, and respiratory system.

### Skin

Causes skin irritation. May cause an allergic skin reaction. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

### Eye

Irritating, but will not permanently injure eye tissue.



**Respiratory sensitization**

Not expected to be a respiratory sensitizer.

**Skin Sensitization**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

**Reproductive Toxicity**

Not considered to be toxic to reproduction.

**STOT-single exposure**

Not expected to cause toxicity to a specific target organ.

**STOT-repeated exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects. May have an effect on the aquatic environment.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Do not discharge this material into waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

**Disposal considerations**

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

## 14. TRANSPORT INFORMATION

**Transport Information**

Road and Rail:

This material is classified as Dangerous Goods Class 9 Miscellaneous Dangerous Goods

Class 9: Miscellaneous substances Dangerous Goods are incompatible in a placard load with any of the following:

Class 1: Explosives (when the class 9 substance is a fire risk substance) Division 5.1:Oxidizing substances (when the class 9 substance is a fire risk substance) and Division 5.2: Organic peroxides (when the class 9 substance is a fire risk substance)



Note: Special Provision AU01: Environmentally Hazardous Substances meeting the descriptions of the UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in: packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs.

**Marine Transport (IMO/IMDG):**

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division: 9

UN No: 3082

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESINS)  
(MARINE POLLUTANT)

Packing Group: III

EMS: F-A, S-F

Special Provisions: 274 335 969

**Air Transport (ICAO/IATA):**

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division: 9

UN No: 3082

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESINS)

Packing Group: III

Packaging Instructions (passenger & cargo): 964

Packaging Instructions (cargo only): 964

Hazard Label: Miscellaneous, Package Orientation

Special Provisions: A97, A158, A197

**U.N. Number**

3082

**UN proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESINS)

**Transport hazard class(es)**

9

**Packing Group**

III

**Hazchem Code**

•3Z

**Special Precautions for User**

Not available

**IERG Number**

47

**IMDG Marine Pollutant**

Yes

**Transport in Bulk**

Not available



## 15. REGULATORY INFORMATION

### Regulatory Information

Classified as Hazardous according to the Globally Harmonized System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### Poisons Schedule

S5

## 16. OTHER INFORMATION

### Date of preparation or last revision of SDS

SDS Created: March 2017

### References

- Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
- Standard for the Uniform Scheduling of Medicines and Poisons.
- Australian Code for the Transport of Dangerous Goods by Road & Rail.
- Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
- Workplace exposure standards for airborne contaminants.
- Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).
- Globally Harmonized System of classification and labelling of chemicals.

END OF SDS

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