

SAFETY DATA SHEET

Issuing Date 2-Jun 2016

Revision Date -2Jun 2016

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product SDS Name **Extreme Heat**

J-B Weld FG SKU Part Numbers Covered

37901

J-B Weld Product Names Covered

J-B ExtremeHeat™

J-B Weld Product Type

Cementitious Paste

Recommended use of the chemical and restrictions on use

Recommended Use Filling or Sealing in High Heat Environments

Uses advised against As a bonding adhesive or in temperatures in excess of 2400°F/1300°C

Details of the supplier of the safety data sheet

Supplier Name J-B WELD COMPANY,LLC
Supplier Address 1130 COMO ST
SULPHUR SPRINGS, TX 75482
USA

Emergency Telephone Numbers Transportation Emergencies: Chemtrec (24 hour transportation emergency response info):
800-424-9300 or 703-527-3887

Poison/Medical Emergencies: Poison Control Centers (24 hour emergency poison / medical response info): 800-222-1222

Supplier Email info@jbweld.com

Supplier Phone Number 903-885-7696



2. HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

<u>ROUTE OF EXPOSURE</u>	<u>SIGN AND SYMPTOM</u>	<u>PRIMARY ROUTE</u>
INHALATION:	ND	NO
EYE CONTACT	MAY CAUSE IRRITATION; IF NOT FLUSHED QUICKLY, MAY CAUSE SERIOUS VISION IMPAIRMENT, INCLUDING PERMANENT LOSS OF VISION	YES
SKIN CONTACT	MAY CAUSE IRRITATION	YES
INGESTION	MAY CAUSE STOMACH DISTRESS, NAUSEA, AND VOMITING	YES

SUMMARY OF CHRONIC HAZARDS: None known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>	<u>WEIGHT %</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
1344-09-8	Silicic acid, sodium salt	40-50	ND	ND	ND
7439-89-6	Steel fines	40-50	ND	ND	ND

4. FIRST AID MEASURES

EYE: Remove any contact lenses and flush with running water for 15 minutes. Obtain medical attention if irritation persists or if vision is impaired. Failure to flush immediately and thoroughly may cause serious vision impairment or permanent loss of vision.

SKIN: Flush with water. Wash with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before use.

INGESTION: Do not induce vomiting. Rinse mouth out. Obtain medical attention immediately. If unconscious, never give anything by mouth.

INHALATION: N/A



5. FIREFIGHTING MEASURES

Flash Point °F	:None
Flammability Limits	:LEL: NA; UEL: NA
Extinguishing Medium	:Non-flammable & non-combustible. Use medium appropriate for surrounding materials.
Auto-Ignition Temperature	:NA
Special Fire Fighting Procedures	:NA
Unusual fire and explosion hazards	:None

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use safety glasses to prevent splashing of material into eyes.

MATERIAL RELEASED OR SPILLS: Small spills may be absorbed with non-reactive absorbent material and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers, waterways, and soil. Neutralize liquid material with any dilute inorganic acid, and dispose of residue in accordance with all local, state, and Federal regulations. Alternatively, since material will solidify in a few hours upon exposure to air, allow spilled material to solidify, and dispose of as stated above.

7. HANDLING AND STORAGE

STORAGE: Keep out of reach of children. Store closed container upright away from incompatible materials and food. Do not store near flame or high heat to prevent damage to jar.

OTHER PRECAUTIONS: Do not re-use empty containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None

ENGINEERING CONTROLS: General ventilation normally adequate.

PROTECTIVE GLOVES: Not needed in normal use.

EYE PROTECTION: Use safety glasses to prevent splashing of material into eyes.

WORK/HYGENIC PRACTICES: Where use can result in skin contact, wash exposed area thoroughly before eating, drinking, smoking, or in food preparation. Launder contaminated clothing before re-use.

OTHER PERSONAL PROTECTION: As required by employer policies.

SPECIAL: NA



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:black paste
Physical State	:paste
Vapour pressure (mmHg)	:ND
Solubility in Water	:approximately 50%
Partition Coefficient of Water/Oil Distribution	:ND
Odor:	:none
Boiling Point (°F)	:212-215
Vapor Density (Air = 1)	:ND
Melting Point	:NA
Evaporation Rate (Ethyl Acetate = 1)	:ND
pH	:11.0-11.5

10. STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID	Contact with strong acids may produce rapid neutralization reaction with significant heat liberation.
HAZARDOUS DECOMPOSITION PRODUCTS	None.
INCOMPATIBILITY	Strong acids

11. TOXICOLOGICAL INFORMATION

Carcinogenicity	NTP: No
Reproductive Toxicity	ND
Skintex Data	ND
IARC Monographs	No
Teratogenicity	ND
OSHA Regulated	No
Mutagenicity	ND

There is no LD₅₀ or LC₅₀ information available for humans.



12. ECOLOGICAL INFORMATION

Water Fowl Toxicity	No data available for ingredients in this product.
BOD	No data available for ingredients in this product.
Aquatic Toxicity	No data available for ingredients in this product.

13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of in accordance with all local, state, and Federal regulations.
Container Disposal:	Dispose of in accordance with all local, state and Federal regulations.

14. TRANSPORT INFORMATION

DOT Proper shipping name	Not regulated.
OCEAN (IMDG)	Not regulated.
AIR (IATA)	Not regulated.
WHMIS (CANADA)	Not regulated.
UN Number	None
NAFTA HS Code	3214.10.0020

15. REGULATORY INFORMATION

TSCA	All ingredients are listed on the TSCA inventory.
SARA 313	None listed
CERCLA RQ	NA
RCRA Code	NA

16. OTHER INFORMATION

THIS DOCUMENT IS PREPARED PERSUANT TO THE OSHA HAZARD COMMUNICATIONS STANDARD (29 CFR 1910. 1200).

LEGEND: ND = Not determined NA = Not applicable

The information provided herein is believed to be accurate and represents the best information currently available. However, J-B Weld Company makes no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and assumes no liability resulting from use of SDS information.

Date Prepared: June 2, 2016

