



SAFETY DATA SHEET

Issuing Date 16-Oct-2014

Revision Date 15-Oct-2014

Revision Number 2

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

Product identifier

Product SDS Name Epoxy Putty Stick - Steel

J-B Weld FG SKU Part Numbers Covered

8267S, 8217, 8267A, 8267H, 8267SF, 8267HF, 7267S

J-B Weld Product Names Covered

SteelStik™ (all sizes)
AutoWeld™

J-B Weld Product Type

Epoxy Putty Stick

Recommended use of the chemical and restrictions on use

Recommended Use Adhesive & Repair / Automotive / Household & Plumbing Repairs

Uses advised against No information available

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

OSHA/HCS status This material is considered hazardous by the OSHA Hazard Communication Standard (29-CFR 1910.1200).

Classification of the substance or mixture SKIN CORROSION / IRRITATION – Category 2
SERIOUS EYE DAMAGE / EYE IRRITATION – Category 2B
SKIN SENSITIZATION – Category 1

GHS label elements

Hazard pictograms



Signal word Warning!

Hazard statements Causes skin and eye irritation.
May cause an allergic skin reaction.

Precautionary statements

General Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention Wear protective gloves. Wear eye or face protection. Avoid breathing dust. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. 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 attention.

Storage Not applicable.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture Mixture

Ingredient name	% by weight	CAS number
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin	10-20	25068-38-6
crystalline silica non-respirable	0.1-1	14808-60-7

Canada

Name	CAS number	%
Talc, not containing asbestiform fibres	14807-96-6	30-60
Ferrosilicon	8049-17-0	10-30
glass, oxide, chemicals	65997-17-3	10-30
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin	25068-38-6	10-20

Nepheline syenite crystalline silica non-respirable	37244-96-5 14808-60-7	1-5 0.1-1
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Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of necessary first aid measure

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is regular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Ingestion	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Inhalation	No known significant effects or critical hazards.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation
Ingestion	Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

Inhalation	No specific data.
Skin contact	Adverse symptoms may include the following: irritation redness

Eye contact	Adverse symptoms may include the following: pain or irritation watering redness
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Ingestion	No specific data
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Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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Specific treatments	No specific treatment.
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See toxicological information (Section 11)

5. FIRE-FIGHTING MEASURES

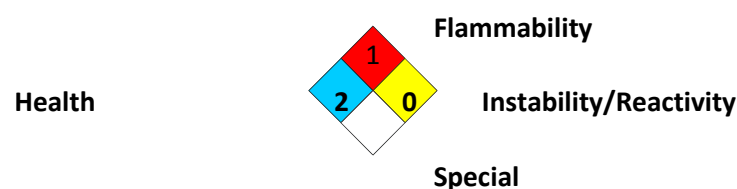
Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
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Unsuitable extinguishing media	None known.
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Specific hazards arising from the chemical	No specific fire or explosion hazard.
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National Fire Protection Association (U.S.A.)



Hazardous thermal decomposition products	Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Sulfur oxides Halogenated compounds Metal oxide/oxides
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Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental Precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Small Spill	Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large Spill	Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities

Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Precautions for safe handling

Protective measure

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits

Ingredient name	CAS #	Exposure limits
crystalline silica non-respirable	14808-60-7	OSHA PEL Z3 (United States, 9/2005). Notes: 250/(%SiO₂+5) TWA: 250 MPPCF / (%SiO ₂ +5) 8 hours. Form: Respirable OSHA PEL Z3 (United States, 9/2005). Notes: 10/(SiO₂+2) TWA: 10 MG/M3 / (%SiO ₂ +2) 8 hours. Form: Respirable ACGIH TLV (United States, 3/2012). TWA: 0.025 mg/m ³ 8 hours. Form: Respirable fraction NIOSH REL (United States, 1/2013). TWA: 0.05 mg/m ³ 10 hours. Form: respirable dust OSHA PEL Z3 (United States, 9/2005). Notes: 30/(%SiO₂+2) TWA: 30 MG/M3 / (%SiO ₂ +2) 8 hours. Form: Total dust.

Canada

<u>Occupational exposure limits</u>		<u>TWA (8 hours)</u>			<u>STEL (15 mins)</u>			<u>Ceiling</u>			
Ingredient	List name	ppm	mg/ m ³	Other	ppm	mg/ m ³	Other	ppm	mg/ m ³	Other	Notations
Talc , not containing asbestiform fibres	AB 4/2009	-	2	-	-	-	-	-	-	-	[a]
	BC 4/2012	-	2	-	-	-	-	-	-	-	[b]
	ON 1/2013	-	-	0.1 f/cc	-	-	-	-	-	-	[c]
		-	2	-	-	-	-	-	-	-	[d]
		-	2	-	-	-	-	-	-	-	[e]
	QC 12/2012	-	-	2 f/cc	-	-	-	-	-	-	[f]
		-	3	-	-	-	-	-	-	-	[g]
		-	5	-	-	-	-	-	-	-	[h]
	US ACGIH 3/2012	-	-	1 f/cc	-	-	-	-	-	-	[i]
	AB 4/2009	-	5	1 f/cc	-	-	-	-	-	-	[j]
glass, oxide, chemicals	BC 4/2012	-	5	-	-	-	-	-	-	-	[k]
	ON 1/2013	-	5	1 f/cc	-	-	-	-	-	-	[l]
		-	10	-	-	-	-	-	-	-	[m]
		-	5	-	-	-	-	-	-	-	[n]
	QC 12/2012	-	-	1 f/cc	-	-	-	-	-	-	[o]
		-	-	1 f/cc	-	-	-	-	-	-	[p]
		-	10	-	-	-	-	-	-	-	[q]
	US ACGIH 3/2012	-	0.025	-	-	-	-	-	-	-	[r]
	BC 4/2012	-	0.025	-	-	-	-	-	-	-	[s]
	ON 1/2013	-	0.1	-	-	-	-	-	-	-	[t]
crystalline silica non-respirable	QC 12/2012	-	0.1	-	-	-	-	-	-	-	[u]
	ON 1/2013	-	10	-	-	-	-	-	-	-	[v]
Nepheline syenite		-	10	-	-	-	-	-	-	-	[w]

Form: [a]Respirable particulate [b]Respirable [c]Respirable fraction: means that size fraction of the airborne particulate deposited in the gas-exchange region of the respiratory tract and collected during air sampling with a particle size- selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne

particulate matter; and (b) has the cut point of 4 µm at 50 per cent collection efficiency. [d]The value is for particulate matter containing no asbestos and < 1 per cent crystalline silica. [e]Respirable dust. [f]Inhalable fraction [g]Respirable fibers: length greater than 5 µm; aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast illumination. [h]Fibres [i]Fibres, total particulate [j]Inhalable [k]Fiber [l]Inhalable fraction: means that size fraction of the airborne particulate deposited anywhere in the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 100 µm at 50 per cent collection efficiency. [m]Respirable fibres: length > 5µm; aspect ratio ≥3:1, as determined by the membrane filter method at 400-450 times magnification (4-mm objective), using phase-contrast illumination. [n]RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 :1. [o]Total dust. [p]Respirable fraction [q]Total dust

Appropriate engineering controls

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures**Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin Protection**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Solid		
Appearance	Dark gray	Odor	Pungent. Sulfurous.
Color	Dark Gray / Black	Odor Threshold	Not available.
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
pH	No data available	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	Closed cup: .93.3°C (>199.9°F) [Setaflash.] [Product does not sustain combustion.]	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	Flammable in the presence of the	None known	
Flammability Limit in Air	following materials or conditions: open flames, sparks and static discharge.		
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	2.247	None known	
Water Solubility	No data available	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient:		None known	
n-octanol/water	No data available	None known	
Auto-ignition temperature	No data available	None known	
Decomposition temperature	>200° C (>392°F)	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available		
Explosive properties	No data available		
Oxidizing Properties	No data available		
<u>Other Information</u>			
Softening Point	No data available		
VOC Content (%)	0		
Particle Size	No data available		
Particle Size Distribution			

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	No specific test data related to reactivity available for this product or its ingredients.
<u>Chemical stability</u>	The product is stable.
<u>Possibility of hazardous reactions</u>	Under normal conditions of storage and use, hazardous reactions will not occur.
<u>Conditions to avoid</u>	No specific data.
<u>Incompatible materials</u>	No specific data.
<u>Hazardous decomposition products</u>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity No specific data.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Reaction product: bisphenol-A-(epichlorohydrin); epoxy resin	Eyes – Mild irritant	Rabbit	-	100 milligrams	-
	Skin – Moderate irritant	Rabbit	-	24 hours 500 microliters	-
	Skin – Severe irritant	Rabbit	-	24 hours 2 milligrams	-

Sensitization No specific data.

Mutagenicity No specific data.

Carcinogenicity No specific data.

Classification

Product/ingredient name	OSHA	IARC	NTP
Crystalline silica non-respirable	-	1	Known to be a human carcinogen.

Reproductive toxicity No specific data

Teratogenicity No specific data.

Specific target organ toxicity (single exposure) No specific data.

Specific target organ toxicity (repeated exposure) No specific data.

Aspiration hazard No specific data.

Information on the likely routes of exposure Not available

Potential acute health effects

Eye contact Causes serious eye irritation.

Inhalation No known significant effects or critical hazards.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Ingestion Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact Adverse symptoms may include the following:
pain and irritation
watering
redness

Inhalation	No specific data.
Skin contact	Adverse symptoms may include the following: irritation redness
Ingestion	No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	Not available
Potential delayed effects	Not available

Long term exposure

Potential immediate effects	Not available
Potential delayed effects	Not available

Potential chronic health effects

No specific data.

General

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

Developmental effects

No known significant effects or critical hazards.

Fertility effects

No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

No specific data.

12. ECOLOGICAL INFORMATION

Toxicity No specific data.

Persistence and degradability No specific data.

Bioaccumulative potential

Product / Ingredient name	LogP _{ow}	BCF	Potential
Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin	2.64 to 3.78	31	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) Not available

Other adverse effects No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of material and runoff and contact with soil, waterways, drains and sewers.

RCRA classification.

Not available.

14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN Number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

United States
U.S. Federal regulations

TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, reaction products with silica
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): All components are listed or exempted.



Clean Air Act Section 112 (b)
Hazardous Air Pollutants (HAPs) Not listed

Clean Air Act Section 602 Class I
Substances Not listed

Clean Air Act Section 602 Class II
Substances Not listed

SARA 302/304

Composition/information on ingredients No products were found

SARA 304 RQ Not applicable

SARA 311/312

Classification Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Reaction product: bisphenol-A- (epichlorhydrin); epoxy resin crystalline silica non-respirable	10-30	No.	No.	No.	Yes.	No.
	0.1-1	No.	No.	No.	No.	Yes

State regulations

Massachusetts The following components are listed: SOAPSTONE; MINERAL WOOL FIBER

New York None of the components are listed.

New Jersey The following components are listed: SOAPSTONE, SILICA, QUARTZ; QUARTZ (SiO₂); FERROSILICON; FERROCERIUM

Pennsylvania The following components are listed: SOAPSTONE DUST, QUARTZ (SiO₂)

Minnesota Hazardous Substances None of the components are listed.

California Prop. 65 **WARNING:** This product contains a chemical known to the State of California to cause cancer

Ingredient Name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Talc, not containing asbestiform fibres	Yes.	No.	No.	No.
Crystalline silica non-respirable	Yes.	No.	No.	No.
Carbon black non-respirable	Yes.	No.	No.	No.

Canada

WHMIS (Canada) Class D-1B: Material causing immediate and serious toxic effects (Toxic).
Class D-2A: Material causing other toxic effects (Very toxic).



Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

Canadian NPRI	None of the components are listed.
CEPA Toxic substances	None of the components are listed.
Canada inventory	All components are listed or exempted.

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.

International regulations

International lists	Australia inventory (AICS): All components are listed or exempted. China inventory (IECSC): Not determined. Japan inventory: Not determined. Korea inventory: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined. New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted. Philippines inventory (PICCS): All components are listed or exempted. Taiwan inventory (CSNN): Not determined.
<u>Substances of very high concern</u>	None of the components are listed.

16. OTHER INFORMATION

Key to abbreviations	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
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Notice to reader

NON-WARRANTY: The information presented in this publication is based upon the research and experience of J-B Weld Company. No representation or warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. J-B Weld Company makes no warranty or representation of any kind, express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by J-B Weld Company are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyers is for the buyer to determine. J-B Weld Company assumed no responsibility for the selection of products suitable to the particular purposes of any particular buyer. J-B Weld Company shall in no event be liable for any special, incidental, or consequential damages.

End of Safety Data Sheet

