



MATERIAL SAFETY DATA SHEET

MSDS 2008

Page 1 of 3

SECTION I – MATERIAL IDENTIFICATION

MATERIAL NAME: J and JP Seals - Adhesive Part A

MANUFACTURER: Erie Metal Specialties, Inc.
13311 Main Road
Akron, NY 14001

SUPPLIER: The D.S. Brown Company
300 East Cherry Street
North Baltimore, OH 45872

EMERGENCY PHONE:

(419)257-3561

CHEM-TREC: (800) 424-9300

SECTION II – HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	WT%	Exposure Limits	
			OSHA (PEL/TWA)	ACVGIH(TLV/TWA)
Epoxy Resins	25085-99-8	60 to 100	n/a	n/a
Aliphatic Glycidyl Ether	17557-23-2	10 to 30	n/a	n/a
Fumed Amorphous Silica	7631-86-9	3 to 7	n/a	n/a

SECTION III – HAZARDS IDENTIFICATION

Potential Health Hazards – Acute

Eye: Causes eye irritation. Direct contact with the liquid or exposure to its vapors may cause burning, tearing and redness, Effects of contact may not show for several hours.

Skin: May cause dermatitis. Prolonged or repeated exposure may cause redness and burning, drying and cracking of the skin.

Inhalation: Will result in respiratory tract irritation.

Ingestion: Harmful if swallowed. May cause abdominal pain, vomiting and diarrhea.

Potential Health Effects – Chronic

Not applicable

	NTP	IARC Monographs	OSHA Regulated
Carcinogenicity:	NO	NO	NO
Teratogenicity:	N/A	N/A	N/A

SECTION IV – FIRST AID MEASURES

Eye: Immediately flush with plenty of clean water for at least 15 minutes and get immediate medical attention.

Skin: Remove contaminated clothing. Clean affected area(s) thoroughly with soap and water.

Inhalant: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Ingestion: Induce vomiting if large amounts are ingested. Transport to a medical facility

SEEK MEDICAL ATTENTION IF SYMTPONS PERSIST



MATERIAL SAFETY DATA SHEET

MSDS 2008

Page 2 of 3

SECTION V – FIRE FIGHTING MEASURES:

Flammability: No
Flash Point (set-a-flash closed cup): 177 deg. C
Flammable Limits (% volume in air): Lower = No data available Upper: No data available
Auto Ignition Temperature: N/A
Extinguishing Media: Extinguish with water spray, water fog, CO2 or foam.
Hazard Combustion Products: Carbon monoxide, carbon dioxide, phenolics

Fire Fighting Instructions: Closed containers may rupture violently when exposed to heat. Irritating vapors may be released during a spill. Combustion by-products may be hazardous. Use water only to cool containers to disperse vapors. Do not incinerate closed containers. Do not enter confined fire space without full bunker gear including a positive pressure, NIOSH approved, self contained breathing apparatus.

SECTION VI – REACTIVITY DATA:

STABILITY: Stable
INCOMPATIBILITY: n/a
DECOMPOSITION PRODUCTS: Not available
HAZARDOUS POLYMERIZATION: May occur with greater than 1 pound of amines
CONDITIONS TO AVOID: N/A

SECTION VII – TOXICOLOGICAL INFORMATION:

Route of Entry: Skin contact, eye contact, skin absorption, inhalation

Components:	Oral LD 50 (Rat)	Inhalation LC50 (Rat)
Epoxy Resins	5000 mg/kg	n/a
Aliphatic Glycidyl Ether	4500 mg/kg	n/a
Fumed Amorphous Silica	n/a	n/a

SECTION VIII – HANDLING & STORAGE PRECAUTIONS:

HANDLING: Avoid inhalation, skin and eye contact. Practice good personal hygiene. Wash repeatedly with soap and water during the work day.

VENTILATION: Mechanical and local exhaust should be used for indoor use.

PERSONAL PROTECTION: Wear clean long sleeved body covering clothing. Use impervious gloves, chemical splash goggles and full face shield. When respiratory protection is required, use an approved air purifying respirator.

STORAGE: Store containers tightly closed with adequate ventilation in a cool dry area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: white liquid
ODOR: Epoxy
BOILING POINT: 149 deg. C
MELTING POINT: Not applicable
VAPOUR PRESSURE (m/HG): n/a
VAPOUR DENSITY (Air = 1): n/a
SOLUBILITY IN WATER: slight
SPECIFIC GRAVITY (H2O=1): 1.17
EVAPORATION RATE (n-Butyl Acetate = 1): Not applicable
% VOLATILES BY VOLUME: 0.00



MATERIAL SAFETY DATA SHEET

MSDS 2008

Page 3 of 3

SECTION X – ACCIDENTAL RELEASE MEASURES:

SPILL: Remove all sources of ignition (flames, sparks, etc.) Provide adequate ventilation. Avoid prolonged breathing of vapors. Remove to a container or absorb with clay, diatomaceous earth or other suitable inert absorbent.

DISPOSAL: Dispose of in accordance with all federal, state and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal.

SECTION XI – PROPER D.O.T. SHIPPING INFORMATION:

Not regulated
Cebreg System Adhesive Part A

SECTION XII – U.S. REGULATORY INFORMATION:

OSHA: This material is hazardous by definition of Hazardous Communications Standard (29 DFR 1910.1200)
SARA Title III:
Section 311/312 hazard categories acute health, delayed health, fire.

SECTION XIII – U.S. REGULATORY INFORMATION:

This MSDS complies with 20 CRF 1910.1200 (THE HAZARD COMMUNICATION STANDARD). Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, The D.S. Brown Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will The D.S. Brown Company be responsible for damages of any nature whatsoever resulting from the use of, misuse or reliance upon information. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure its activities comply with Federal, State or Provincial, and local laws and regulations.

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