



MATERIAL SAFETY DATA SHEET

MSDS 2008

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SECTION I – MATERIAL IDENTIFICATION

MATERIAL NAME: **J and JP Seals - Adhesive Part B**

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)
Polyamide Resin	68410-23-1	60 to 100	n/a	n/a
N-Aminoethylpiperazine	140-31-8	10 to 30	n/a	n/a
Bisphenol "A"	80-05-7	10 to 30	n/a	n/a
Fumes Silica	67762-90-7	3 to 7	n/a	n/a
Benzyl dimethylamine	103833	3 to 7	n/a	n/a
Amino Silane	1760-2403	1 to 5	n/a	n/a

SECTION III – HAZARDS IDENTIFICATION

Potential Health Hazards – Acute

Eye: Will result in severe eye irritation and burns.

Skin: Will result in severe skin irritation and burns.

Inhalation: May result in severe respiratory tract irritation and burns.

Ingestion: Harmful if swallowed. May lead to gastrointestinal irritation and ulceration.

Potential Health Effects – Chronic

Prolonged breathing of dust above TLV may lead to reduced pulmonary function, or pneumonconiosis.

	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: DO NOT INDUCE VOMITING. Administer large amounts of milk or water if available. Transport to a medical facility

SEEK MEDICAL ATTENTION IF SYMPTONS PERSIST



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SECTION V – FIRE FIGHTING MEASURES:

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

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: Avoid Excessive Heating Over Long Periods of Time
INCOMPATIBILITY: n/a
DECOMPOSITION PRODUCTS: Not available
HAZARDOUS POLYMERIZATION: Will not occur
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)
Polyamide Resin	16000 mg/kg	n/a
N-Aminoethylpiperazine	2150 mg/kg	n/a
Bisphenol "A"	4100 mg/kg	n/a
Fumes Silica	5 mg/kg	n/a
Benzyl dimethylamine	n/a	n/a
Amino Silane	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: clear amber liquid
ODOR: Ammoniacal
BOILING POINT: n/a
MELTING POINT: Not applicable



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VAPOR PRESSURE (m/HG): n/a
VAPOR DENSITY (Air = 1): n/a
SOLUBILITY IN WATER: slight
SPECIFIC GRAVITY (H₂O=1): 1.01
EVAPORATION RATE (n-Butyl Acetate = 1): Not applicable
% VOLATILES BY VOLUME: 0.00

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:

Polyalkylamines NOS (Diethylenetriamine) Class 8, UN 2735, P.G. I

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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