

# Material Safety Data Sheet



Revised 08/11

## PaveSaver™ Polymeric Concrete Patch | PaveSaver™ Polymeric Concrete Patch - Part A

### SECTION I – Identification of the Substance and of the Company

**Company:** The D.S. Brown Company  
300 East Cherry Street  
North Baltimore, Ohio 45872

**Trade Name:** PaveSaver™ Part A

**Chemical Family:** Epoxy Resin

**Intended Use or Product Type:**  
Formulated Liquid Epoxy

**Effective Date:** 3/7/2005

**24-Hour Emergency Phone:**

**CHEMTREC: (800) 424-9300**

Health	2
Flammability	1
Reactivity	0
Personal Protect.	X

### SECTION II – Hazardous Ingredients

Ingredient Name	Concentration %	T.L.V.	C.A.S.	LD/50	LC/50
Alkyl Glycidyl Ether	10 - 30	N/A	68609-97-2	17,100 MG/KG RAT ORAL	N/A
Bisphenol A Diglycidyl Ether Resin	60 - 100	N/A	25068-38-6	N/A	N/A

### SECTION III – Physical Data

**Physical State:** Liquid

**Appearance and Odor:** Clear – colorless to pale yellow

**Odor Threshold (PPM):** Not available

**pH (as is):** Not available

**Specific Gravity (H20=1):** @ 25°C, 9.1 LBS/GAL

**Boiling Point °C:** Not available

**Vapor Pressure (m/HG):** Not available

**Vapor Density: (Air = 1):** Not available

**Freezing Point:** Not available

**Evaporation Rate: (Butyl Acetate = 1):** Not available

**Volatiles per Volume:** NIL

**Solubility in Water:** NIL

**Coefficient of Water/Oil Distribution:** Not available

### SECTION IV – Fire/Explosion Data

**Flammability:** Not flammable per WHMIS

**Conditions of Flammability:** Conditions at or above flashpoint

**Extinguishing Media:** Carbon dioxide, dry chemical, foam, water spray

**Special Procedures:** Fire-fighters should wear the usual protective gear. Use self-contained breathing apparatus.

**Flash Point (C), Method:** > 93.3°C. Closed cup

**Autoignition Temperature:** Not available

**Flammable Limits (% volume):**

Lower: Not available

Upper: Not available

**Sensitivity to Static Discharge:** Not available

**Sensitivity to Impact:** Not available

**Rate of Burning:** Not available

**Explosive Power:** Not available

**Hazard Combustion Products:** Carbon monoxide, carbon dioxide, toxic fumes aldehydes

**T.D.G. Flammability Class:** Not applicable

### SECTION V – Reactivity Data

**Chemical Stability:** Product is stable in normal handling and storage conditions.

**Conditions of Instability:** Elevated temperatures

**Hazardous Polymerization:** Will not occur

**Incompatible Substances:** Strong oxidizing agents, strong acids or bases in bulk

**Reactivity Under which Conditions?:** Contact with incompatible substances, elevated temperatures

**Hazardous Products of Decomposition:** See hazardous products of combustion Section IV.

**PaveSaver™ Polymeric Concrete Patch | PaveSaver™ Polymeric Concrete Patch - Part A**

2 of 3

## SECTION VI – Toxicological Information

**Route of Entry:** Skin contact

**Effects of Acute Exposure**

**Eye Contact:** Moderate irritation

**Skin Contact:** Moderate irritation, allergic skin reactions

**Skin Absorption:** Not available

**Inhalation:** May cause irritation

**Ingestions:** No hazard in normal industrial use

**Effects of Chronic Exposure:** Prolonged skin contact may cause dermatitis. Skin conditions may be aggravated by exposure. May aggravate pre-existing allergies and eczema.

**LD 50 of Materials, Species and Route:**

4000 mg/kg rabbit dermal

> 5000 mg/kg rat oral

**LD 50 of Materials, Species and Route:** Not available

**Exposure Limit of Material:** Not available

**Irritancy of Material:**

Moderate irritant to the eyes of a rabbit

Moderate irritant to the skin of a rabbit

**Sensitizing Capability of Material:** Moderate skin sensitizer

**Carcinogenic Effects:** Not listed as a carcinogen

**Reproductive Effects:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** None known

**Synergistic Materials:** Not available

## SECTION VII – Preventative Measures

**Personal Protection**

**Gloves/Type:** Wear impervious gloves.

**Respiratory/Type:** Use NIOSH-approved organic chemical cartridge respirator for organic vapors when vapor/mist exposure is likely.

**Eye/Type:** Wear splash-proof chemical goggles.

**Footwear/Type:** Safety boots per local regulations

**Clothing/Type:** Wear gauntlets and apron. Use of barrier cream is recommended.

**Other/Type:** Eye wash facility should be in close proximity. Emergency shower should be in close proximity.

**Ventilation Requirements:** Local exhaust and mechanical ventilation is recommended.

**Leak/Spill:** Absorb with inert material. Ventilate area. Shovel into closeable container for disposal. Wear adequate protective clothing and equipment. Flush residue with water.

**Waste Disposal:** In accordance with municipal, provincial and federal regulations. Follow company policies and procedures.

**Handling Procedures and Equipment:** Use adequate ventilation. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse. Wear protective clothing. Avoid breathing vapor, mist or spray. Wash thoroughly after using, particularly before eating or smoking. Destroy contaminated shoes. For industrial use only.

**Storage Needs:** Keep container tightly closed. Store in a cool, dry and well-ventilated area.

**Special Shipping Instructions:** Not regulated

## SECTION VIII – First Aid Measures

**Skin Contact:** Wash with water and mild soap for at least 15 minutes. Consult a physician if irritation persists.

**Eye Contact:** Flush eyes with water for at least 15 minutes. Consult a physician.

**Inhalation:** Remove to fresh air. If breathing is difficult, consult a physician.

**Ingestion:** Do not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person. If conscious, give 2-4 glasses of water.

**Additional Information:** Promptly remove and wash contaminated clothing prior to reuse. Destroy contaminated shoes.

## SECTION IX – Additional Information

**CAS Nomenclature:** Not applicable

**C.A.S. Registration Number:** Mixture

**Domestic Substance List:** Appears on the domestic substance list; appears on the U.S. TSCA inventory.

**PaveSaver™ Polymeric Concrete Patch | PaveSaver™ Polymeric Concrete Patch  
- Part A**

3 of 3

**W.H.M.I.S.:**

**Classification:** D2 sub B

**T.D.G.R.:**

**Proper Shipping Name:** Not regulated

**UN/PIN Number:** Not applicable

**Class:** Not applicable

**Packing Group:** Not applicable

**Reporting Quantity:** Not applicable

**I.M.O. Classification:** Not applicable - refer to transporter

**ICAO (AIR) Class:** Not applicable - refer to airline

**Quantity Permitted on Passenger Air Craft:** Refer to  
airline

**Quantity Permitted on Cargo Air Craft:** Refer to airline

**Essential Information:** The information contained herein is based upon publicly available information and is considered true and accurate. This company makes no warranties express or implied as to the accuracy or adequacy of this information.

This information is offered solely for the user's consideration, investigation and verification. It is the user's responsibility whether any use of this information and data is in accordance with applicable federal, provincial/state or local laws and regulations.

**National Pollutants Release Inventory (NPRI):** The substance(s) in this product does (do) not appear on the schedule I, section XVI of CEPA.

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