

Date Prepared: 09/22/06  
Supersedes: 04/01/02  
Product Name: Durapatch Metallic (Part A-Resin)

# ChemMasters

## Material Safety Data Sheet

### 1. Chemical Product and Company Information

**Product Name:** DuraPatch Metallic (Part A-Resin)

**Product Description:** 3-Component 100% Solid Epoxy Resurfacing and Repair Product.

**ChemMasters**  
300 Edwards Street  
Madison, Ohio 44057  
440-428-2105

In Case of Emergency Contact:  
CHEMTREC 800/424-9300

### 2. Composition / Information on Ingredients

Hazardous Components	CAS #	Exposure Limits			% by Wt
		OSHA(PEL/TWA)	ACGIH (TLV/TWA)	OTHER	
Bisphenol A - Epoxy Resin	25068-38-6	NE	NE	—	65-70
Benzyl Alcohol	100-51-6	NE	NE	—	15-20
2-Ethylhexyl Glycidyl Ether	2461-15-6	NE	NE	---	10

### 3. Hazards Identification

#### CAUTION

**Causes eye and skin irritation**

**May cause allergic skin reaction**

#### Potential Health Hazards - Acute

**Eye:** Causes eye irritation due to direct contact with resin.

**Skin:** Single exposure is not likely to result in harm. Repeated exposure may cause allergic reaction which can be severe in certain individuals.

**Inhalation:** Highly unlikely.

**Ingestion:** Not likely to happen in course of normal use.

#### Potential Health Effects - Chronic

**Carcinogenicity:**

**NTP**  
No

**IARC Monographs**  
No

**OSHA Regulated**  
No

### 4. First Aid Measures

**Eye:** Immediately flush with plenty of water for at least 15 minutes.

**Skin:** Flush immediately with plenty of water while removing contaminated clothing.

**Inhalation:** Remove to fresh air.

**Ingestion:** Practically nontoxic when taken orally.

**SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.**

Date Prepared: 09/22/06  
Supersedes: 04/01/02  
Product Name: Durapatch Metallic (Part A-Resin)

## 5. Fire Fighting Measures

**Flash Point** (method used): >210°F (TCC)

**Flammable Limits** (% volume in air): **Lower** = Not applicable

**Upper** = Not applicable

**Auto Ignition Temperature:** Not applicable

**Extinguishing Media:** Appropriate for surrounding fire.

**Hazard Combustion Products:** Thermal decomposition of the resin portion may release toxic fumes.

**Fire Fighting Instructions:** Do not enter confined space without full bunker gear including a positive pressure, NIOSH approved, self contained breathing apparatus.

## 6. Accidental Release Measures

**Spill:** Scoop up material, then place in chemical waste container for later disposal. Flush area with water.

## 7. Handling and Storage

**Handling:** Use with adequate ventilation. Avoid contact with skin and eyes. Always use good industrial hygiene practices and safety guidelines when dealing with this potentially hazardous product.

**Storage:** Keep containers tightly closed and store in a dry, well ventilated area.

## 8. Exposure Controls / Personal Protection

**Exposure Controls:** A source of clean water should be available for flushing eyes and skin.

**Personal Protection:** Protective clothing, chemical splash goggles and rubber gloves when mixing and applying this product. When grinding or abrasive cleaning of cured film, a NIOSH approved respirator should be worn.

## 9. Physical and Chemical Properties

**Appearance:** Amber liquid unless pigmented

**Odor:** Mild odor to odorless

**Boiling Point:** Not applicable

**Melting Point:** Not applicable

**Vapor Pressure** (mm/Hg): Not applicable

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

**Solubility in Water:** Insoluble

**Specific Gravity** (H<sub>2</sub>O = 1): 1.15

**Evaporation Rate** (n-Butyl Acetate = 1): Not applicable

## 10. Stability and Reactivity

**Chemical Stability:** Stable

**Conditions to Avoid:** Excessive heat

**Incompatibility** (materials to avoid): Contamination with strong acids, bases, amines or oxidizing agents.

**Hazardous Decomposition or By-products:** Thermal decomposition may yield carbon monoxide, carbon dioxide and/or phenolic derivatives.

**Hazardous Polymerization:** Will not occur

## 11. Toxicological Information

Components	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
Bisphenol A - Epoxy Resin	>2 g/kg	>20 g/kg	—
Benzyl Alcohol	1230 mg/kg	2000 mg/kg	1000 ppm/8 hours

Date Prepared: 09/22/06  
Supersedes: 04/01/02  
Product Name: Durapatch Metallic (Part A-Resin)

## 12. Ecological Information

No data available

## 13. Disposal Considerations

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 in your area.

Does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

## 14. Transportation Information

**For U S National Shipments:**

**Shipping Description:** Non regulated

**Emergency Response Guide Number:** Not applicable

**Hazard Class:** Not applicable

## 15. Regulatory Information

**OSHA:** This material is hazardous by definition of Hazardous Communications Standard (29 CFR 1910.1200)

**CERCLA Reportable Quantity:** Not applicable

**SARA Title III:**

**Section 311/312 hazard categories:** acute health

**Section 313 reportable ingredients:**

Components	CAS #	Maximum %
Not applicable	—	—

## 16. Other Information

**MSDS Status:** Revised entire

**Industrial Abbreviation Legend** on page 4 of this MSDS.

Date Prepared: 09/22/06  
 Supersedes: 04/01/02  
 Product Name: Durapatch Metallic (Part A-Resin)

**Industrial Abbreviation Legend**

ACGIH	American Conference of Governmental Industrial Hygienists	mg/m <sup>3</sup>	milligrams per cubic meter
CAA	Clean Air Act (EPA)	NIOSH	National Institute for Occupational Safety and Health
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act of 1980 (Superfund) (EPA)	NTP	National Toxicology Program
CNS	Central Nervous System	OSHA	Occupational Safety and Health Administration
CWA	Clean Water Act (EPA)	PEL	Permissible Exposure Limit
DOT	Department of Transportation	ppm	parts per million
EPA	Environmental Protection Agency	RCRA	Resource Conservation and Recovery Act (EPA)
g/kg	grams per kilogram	SARA	EPA's Superfund Amendment and Reauthorization Act (EPA)
IARC	Internal Agency for Research on Cancer	STEL	Short-Term Exposure Limit, ACGIH terminology
LC50	Lethal Concentration in which 50% of the test animals are expected to die	TLV	Threshold Limit Value
LD50	Lethal Dose in which 50% of the test animals are expected to die	TWA	Time-Weighted Average

**THIS PRODUCT IS FORMULATED AND LABELED FOR INDUSTRIAL AND COMMERCIAL APPLICATION ONLY**

The information contained herein is given in good faith and based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. ChemMasters assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.