

Date Prepared: 09/22/06
Supersedes: 04/22/02
Product Name: Durapatch Metallic (Part C - Filler)

ChemMasters

Material Safety Data Sheet

1. Chemical Product and Company Information

Product Name: Durapatch Metallic (Part C - Filler)

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	
Iron	1309-37-1	NE	NE	---	90-95%
Silica, Quartz	14808-60-7	10 mg/m ³ (SiO ₂ +2)	0.1 mg/m ³ (resp)	—	5-10%

3. Hazards Identification

CAUTION

May cause eye and respiratory tract irritation

Potential Health Hazards - Acute

Eye: May cause irritation due to mechanical action.

Inhalation: Dust may cause respiratory tract irritation.

Potential Health Effects - Chronic

Prolonged excessive exposure to respirable silica may cause delayed chronic lung disease — silicosis. IARC Monographs concludes there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and limited evidence to humans. NTP has listed Respirable Crystalline Silica in the 6th Annual Report on Carcinogens.

Carcinogenicity:

NTP
YES

IARC Monographs
YES

OSHA Regulated
YES

4. First Aid Measures

Eye: Immediately flush with plenty of water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST

5. Fire Fighting Measures

Flash Point (method used): Not applicable

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

Auto Ignition Temperature: Not applicable

Extinguishing Media: Not combustible. Use media appropriate for surrounding fire.

Hazard Combustion Products: Not applicable

Fire Fighting Instructions: Appropriate gear and precautions for surrounding fire.

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6. Accidental Release Measures

Spill: Sweep up and remove. Flush residue with plenty of water.

7. Handling and Storage

Handling: Avoid dispersing dust into the air. Avoid breathing dust. Always use good industrial hygiene practices.

Storage: Material should be kept dry until used.

8. Exposure Controls / Personal Protection

Exposure Controls: Mechanical exhaust should be used. A source of clean water should be available for flushing eyes.

Personal Protection: An approved dust respirator should be used when mixing this product.

9. Physical and Chemical Properties

Appearance: Gritty sand

Odor: Odorless

Boiling Point: Not applicable

Melting Point: Not applicable

Vapor Pressure (mm/Hg): Not applicable

Vapor Density (Air = 1): Not applicable

Solubility in Water: Non soluble

Specific Gravity (H₂O = 1): 2.65

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

10. Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Contact with hydrofluoric acid

Incompatibility (materials to avoid): Hydrofluoric acid

Hazardous Decomposition or By-products: Not applicable

Hazardous Polymerization: Will not occur

11. Toxicological Information

Non toxic

12. Ecological Information

Non hazardous

13. Disposal Considerations

Non regulated. Sand.

Dispose of in accordance with all federal, state and local regulations.

14. Transportation Information

For U S National Shipments

Shipping Description: Non regulated

Emergency Response Guide Number: Not applicable

Hazard Class: Not applicable

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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: delayed health

Section 313 reportable ingredients:

Components	CAS #	Maximum %
Not applicable	—	—

16. Other Information

MSDS Status: Revised 9/22/06

Industrial Abbreviation Legend on page 4 of this MSDS.

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Industrial Abbreviation Legend

ACGIH	American Conference of Governmental Industrial Hygienists	mg/m ³	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

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