

MATERIAL SAFETY DATA SHEET

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McGrevor Coatings / Magnet Paint & Shellac Co., Inc.
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SECTION 1 - PRODUCT IDENTIFICATION

Product Number: EP100

Trade Name: MAGNET 100% Solids Two Component Epoxy Concrete Floor Coating

Product Class: Paint

Shipping Classification: Paint - Non-Flammable Liquid

HMIS RATINGS: Health - 2

Flammability - 1

Reactivity - 1

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name and Synonyms	Cas #	Weight %	Occupational Exposure Limits			Vapor Pressure
			TWA	ACGIH TLV STEL	OSHA PEL	
Part A						
Epoxy Resin	25085-99-8	70 - 90	N/D	N/D	N/D	
Alkylglycidyl ether	68609-97-2	10 - 30	N/D	N/D	N/D	
Part B						
Modified Polyamines	N/A	2 - 10	N/D	N/D	N/D	
Nonylphenol	25154-52-3	5 - 15	N/D	N/D	N/D	
Aminoethyl Piperazine	140-31-8	1 - 5	N/D	N/D	N/D	
Poly (Oxypropylene) Diamine	9046-10-0	5 - 20	N/D	N/D	N/D	

SECTION 3 - PHYSICAL DATA

Boiling Point: Above 200°F
Vapor Density: N/A
Evaporation Rate: N/A
Specific Gravity: 1.61
Viscosity (cps): 3500
Color: Varies with product

Odor: Amine Odor
Physical State: Liquid
Solubility in Water: Partially Soluble
% Volatile (by Volume): 0.5
Weight Per Gallon (Lbs.): 13.4
VOC (GPL): 4.0

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATIONS: DOT - Non Flammable Liquid
OSHA - ~~bn~~ Flammable Liquid

FLASH POINT: >200°F LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:
Foam, carbon dioxide, dry chemical or fog.

SPECIAL FIRE FIGHTING PROCEDURES:
Firefighters should wear self-contained breathing apparatus to avoid inhalation of smoke or vapors.

UNUSUAL FIRE & EXPLOSION HAZARDS:
None known

SECTION 5 - HEALTH HAZARD DATA

This Material Has Not Been Tested As A Whole. Hazards Are Those Of Components.

EFFECTS OF OVEREXPOSURE:

Inhalation: May cause nasal irritation, central nervous system depression or lung injury.

Eye Contact: This product may contain alkaline materials that can cause chemical burns to the eyes. Eye damage may be irreversible.

Skin Contact: May be corrosive or highly irritating to skin. Repeated contact may cause sensitization and/or dermatitis.

Skin Absorption: No specific information is available; however, this material may contain aliphatic amines which may be absorbed through the skin.

Chronic Effects of Overexposure: No specific information available.

EMERGENCY & FIRST AID PROCEDURES:

Eye Contact: Flush with large quantities of water and seek medical attention.

Skin Contact: Wash with soap and water immediately. Remove contaminated clothing immediately from employee and flush affected area with water. If a rash or irritation persists, seek medical advice. Dispose of contaminated clothing or launder before re-wearing.

NOTE: Disposal of contaminated clothing and wash water must be done in compliance with all applicable state and federal regulations.

Inhalation: If ill effects occur, remove victim to fresh air immediately. If coughing, difficult breathing or any other respiratory symptoms develop, seek medical attention at once.

Ingestion: Not likely a problem. If large amounts are swallowed get medical attention immediately.

PRIMARY ROUTE(S) OF ENTRY:

Inhalation, Ingestion, Skin and Eye contact

TOXICOLOGICAL INFORMATION:

This product does not contain 0.1% or more of any substance which is listed as a carcinogen by ARC, NT, or OSHA

NONYLPHENOL:

LD50 (ORAL/RAT) 1620 MG/KG; LD50 (DRML/RABBIT) 2140 MG/KG

AMINOETHYL PIPERAZINE:

LD50 (ORAL/RAT) 2140 MG/KG; LD50 (DRML/RABBIT) 880 MG/KG

SECTION 6 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.

Conditions To Avoid: Heat and warm storage.

Incompatibility: Strong oxidizers, acids, bases and epoxy resins under uncontrolled conditions.

Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide, smoke. Other possible products unknown.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Absorb spill with a suitable absorbant material place material into a closed container. If large spill, dike area to prevent this material from entering water systems or sewers. Wear protective equipment during cleanup.

WASTE DISPOSAL METHOD:

At this time, this material or its containers would not be considered hazardous wastes as defined under the federal RCRA regulations (40 CFR 261) if discarded. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state, and local regulations.

For further information, contact your state or local waste agency or the United States Environmental Protection Agency's RCRA hotline (1-800-424-9346 or 202-382-3000).

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SECTION 8 - SPECIAL PROTECTION INFORMATION

All equipment should comply with sections 1910.132 -.135 OSHA.

RESPIRATORY PROTECTION:

Should be worn to prevent breathing of spray mist, heated vapors or if TLV is exceeded.

VENTILATION:

Local exhaust and general ventilation recommended.

PROTECTIVE GLOVES:

Chemical-resistant plastic or rubber.

EYE PROTECTION:

Chemical goggles

OTHER PROTECTIVE EQUIPMENT:

As required to prevent wetting skin or clothing.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

This material may cause sensitization. Do not get in eyes, on skin or clothing. Do not allow contaminated clothing to contact skin. Avoid contact with vapors or fumes.

OTHER PRECAUTIONS:

Wear protective equipment.

SECTION 10 - SUPPLEMENTAL INFORMATION

The following information is provided to assist our customers in complying with their SARA Title III, TSCA, and other regulatory compliance programs.

REGULATORY INFORMATION:

None.

SARA HAZARD CLASSIFICATION:

This material has been categorized as having the following hazard(s) as defined by SARA Title III regulations (40 CFR 370): acute, chronic, fire.

SARA SECTION 313 LISTED INGREDIENTS:

This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

DOT PROPER SHIPPING NAME:

PAINT (if packaged in quantities greater than 110 gallons)

UN NUMBER:

N/A

SECTION 9 - DOCUMENTARY INFORMATION

THE DATA IN THIS MSDS HAS BEEN COMPILED FROM PUBLICLY AVAILABLE SOURCES (SOME OF WHICH ARE IDENTIFIED BELOW). THIS DATA RELATES ONLY TO THE DESIGNATED PRODUCT AND NOT TO THE USE OF SAID PRODUCT IN COMBINATION WITH OTHER MATERIALS. BECAUSE CONDITIONS AND CIRCUMSTANCES OF USE OF THE PRODUCT ARE BEYOND OUR CONTROL AND ANY SUMMARY OF DATA SUCH AS IS REPRESENTED BY THIS MSDS IS INHERENTLY INCOMPLETE, MAGNET PAINT/McGREVOR COATINGS MAKES NO WARRANTY ABOUT THE ACCURACY OF THE DATA HEREIN AND ASSUMES NO LIABILITY FOR THE USE OF SUCH DATA. RESPONSIBILITY FOR PROPER PRECAUTIONS AND SAFE USE OF THIS PRODUCT LIES WITH THE USER.

SOURCES

CHEMICAL GUIDE TO THE OSHA HAZARD COMMUNICATION STANDARD, Kenneth B. Clauski, Roytech Publications Inc., 1986
1987 EMERGENCY RESPONSE GUIDEBOOK: U.S. Department of Transportation, DOT P-5800.4, 1987
DOCUMENTATIONS OF THE THRESHOLD LIMIT VALUES and BIOLOGICAL EXPOSURE INDICES, 5th Edition, American Conference of Governmental Industrial Hygienists, 1986
DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6th Edition, N. Irving Sax, Van Nostrand Reinhold Co., 1984
SARA TITLE III - COMMUNITY RIGHT TO KNOW COMPLIANCE GUIDE, Professional Associates in Regulatory Services, 1987

Abbreviations: N/D = Not Determined N/A = Not Applicable N/R = Not Regulated