

SDS# PanPatch
Date: November 2015

Total Pages: 4

PanPatch

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PanPatch
Manufactured for: DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA, 30097
Information Phone No.: 1+678.542.3600
EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)

SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

Skin Irritant Category 2

Label Elements:



Signal Word Warning!

Hazard Statement(s)

H317 Prolonged exposure may cause an allergic skin reaction.

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+313 If skin irritation/rash occurs, get medical attention.
P501 Dispose of contents/container in accordance with local/regional/national and intl regulations.

NFPA/HMIS III Ratings: Health: 1 Flammability: 1 Reactivity: 0
HMIS III®



PanPatch

SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

Chemical Name/Family:	Epoxy
Common Names/Synonyms:	Epoxy Resin, Epoxy Coating, Novolac Epoxy, Two-part Epoxy
CAS Numbers and other Identifiers:	
Resin:	DGEBA – Epoxy Resin CAS# 25068-38-6 30%-40% OSHA/PEL – NE ACGIH/TLV - NE DGEBF – Epoxy Resin CAS#28064-14-4 10%-20% TALC – CAS#14807-96-6 5%-10% OSHA/PEL – 2mg /m ³ ACGIH/TLV – 2mg/m ³ Titanium Dioxide – CAS# 13463-67-7 1%-5% OSHA/PEL – 5mg/mg ³ ACGIH/TLV – 10mg/mg ³ Mica – CAS# 12001-26-2 2%-5% OSHA/PEL – 20Mppcf ACGIH/TLV – 3mg/m ³ Crystalline Silica (ceramic microspheres) CAS# 68402-68-4 20%-40% OSHA/PEL – 15mg/m ³ ACGIH/TLV – 10mg/m ³
Hardener:	Modified Polyamidoamine CAS# mixture 20%-30% OSHA/PEL NE ACGIH/TLV NE Polyamide CAS# mixture 60%-80% OSHA/PEL NE ACGIH/TLV NE
Trade Secret Claim:	

Please note that the exact concentration of each chemical contained in the product has been withheld as the exact formula needs to remain a trade secret.

SECTION 4. FIRST AID MEASURES

Description of first aid measures for specific exposure

For Inhalation: Remove to fresh air. Give oxygen if breathing is difficult.

For Ingestion: If large amounts are ingested, induce vomiting if conscious. Call Physician immediately. Give generous amounts of water if conscious. DO NOT induce vomiting.

For Skin Exposure: Promptly wash with mild soap and water.

For Eye Exposure: Immediately flush eyes with water for 15 minutes. Call physician.

Description of overexposure symptoms and effects

Overexposure to this material can cause chemical burns to the skin and eyes and inhalation of vapors can cause severe respiratory irritation. Can cause allergic skin and respiratory reactions. Can have effects on the nervous system evidenced by central nervous system depression, tremors, paralysis, diarrhea and vasodilation. May also cause headache, nausea and dizziness.

Medical Conditions Aggravated by Exposure: Allergy, eczema or skin conditions.

Additional Information: Promptly remove wet contaminated non-imperious clothing, wash before reuse. Destroy contaminated leather and absorbent shoes.

SECTION 5. FIREFIGHTING MEASURES

Flash Point: Resin: 300 °F (149 °C) Hardener: 200 °F (93 °C)

Flash Point Method Used: Closed cup.

Fire Fighting Extinguishing Media: Carbon Dioxide, foam, dry chemical.

Special Equipment and Precautions for Fire-Fighters:

Use a self-contained breathing apparatus Decomposition and combustion products may be toxic.

PanPatch

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is spilled

Shovel into close-able container for disposal.

Absorb into sand or other absorbent material. Shovel into close-able container and dispose of in professional manner.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Do not get in eyes, on skin, on clothing. Do not breathe vapor, mist or spray. Use only with adequate ventilation. Individuals should wash thoroughly after handling. For industrial use only.

Conditions for Safe Storage, Including any Incompatibilities: Keep away from heat, sparks and open flame. Ground and bond metal containers for liquid transfer to avoid static sparks. Store at temperatures between 2°C and 40°C in tightly closed containers in dry area to prevent moisture and carbon dioxide contamination.

Observe all warnings and precautions listed for the product.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): Not established

ACGIH Threshold Limit Value (TLV): Not established

Personal Protective Equipment: Wear protective equipment to prevent exposure and personal contact.

Personal Respirators (NIOSH Approved): Organic chemical cartridge respirator if needed in non-vented area.

Skin Protection: Impervious gloves

Eye Protection: Splash-proof chemical goggles.

Appropriate Engineering Controls: Good general mechanical ventilation and local exhaust.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

	Resin	Hardener
Appearance:	Grey	Reddish Brown
Odor:	None	Slight sweet odor
Physical State:	Liquid	Liquid
pH:	ca 5	ca 10
Melting Point :	0°F (-18°C)	0°F (-18°C)
Density:	1.41	0.97
Solubility in Water (% by weight):	Negligible	Negligible

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable.

Reactivity: Non Reactive.

Incompatible Materials: Strong acids, oxidizers and bases.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Phenolics, Phenolic Nitrogen Oxides and Compounds.

Hazardous Polymerization: Will not occur. DO NOT heat in bulk as dangerous decomposition may occur, liberating toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Acute Oral Effects (Ingestion): **Resin:** LD₅₀ (rabbits): 4000 mg/kg **Hardener:** LD₅₀ (rabbits): 3000 mg/kg

Sensitization: Can cause skin and respiratory sensitization.

Skin Contact: irritant.

Eye Irritation: Irritant.

PanPatch

SECTION 12. ECOLOGICAL INFORMATION

Additional Information: Amines, in general, may be toxic to aquatic organisms. Epoxies are only slightly soluble in water.

Aquatic Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with international, federal (US), state (US) and local regulations.

Recommendations: Must not be disposed of together with household garbage. DO NOT allow product to reach sewage system.

SECTION 14. TRANSPORTATION INFORMATION

DOT, ADR, AND IMDG, IATA: Non-hazardous for transport.

Hazard Class under:

DOT, ADR, AND IMDG, IATA: Non-hazardous for transport.

Marine Pollutant: No

Notes: Not Regulated under DOT, ADR, AND, IMDG, IATA.

SECTION 15. REGULATORY INFORMATION

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200(g). This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX).

SARA Title III: Section 304 - CERCLA: Not listed.

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40 CFR 372). This information must be included in all MSDS's that are copied and distributed for this material.

SECTION 16. OTHER INFORMATION:

SDS DATE REVISED: 11/13/2015

*This SDS was prepared in accordance with the new OSHA HCS requirements that will go into effect for manufacturers of chemicals on June 2015. This SDS replaces all preceding versions of MSDS and complies with all current regulations.
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