

## Material Safety Data Sheet

Required under USDL Safety and Health Regulations  
for Shipyard Employment (29 CFR 1915)

U.S. Department of Labor

Occupational Safety and Health Administration

OMB No. 1218-0074  
Expiration Date 05/31/86

H-1143

Manufacturer's Name

Thomas Waterproof Coatings Co.

Emergency Telephone Number

(404) 523-0493

Address (Number, Street, City, State, and ZIP Code)  
543 Whitehall St., SWChemical Name  
and Synonyms

Waterproof Polymer-Cement Patch

Atlanta, GA 30303

Trade Name  
and Synonyms

Damtite Patch

Chemical  
FamilyAcrylates/Calcium & Magnesium  
Salts (NA)

## Section II - Hazardous Ingredients

## Paints, Preservatives, and Solvents

## % TLV (Units) Alloys and Metallic Coatings

## % TLV (Units)

Pigments			Base Metal		
Catalyst			Alloys		
Vehicle			Metallic Coatings		
Solvents			Filler Metal Plus Coating or Core Flux		
Additives			Others		
Others					

## Hazardous Mixtures of Other Liquids, Solids or Gases

## % TLV (Units)

## Section III - Physical Data

Boiling Point (°F)		Specific Gravity (H <sub>2</sub> O=1)	
NA(dry) 212°F (Liquid)		3.15 (dry portion), 1-1.2 (liquid)	
Vapor Pressure (mm Hg)		Percent Volatile by Volume (%)	
NA(dry), 17 mmHg @ 20°C (liquid)		75-79 (Liquid), 0 (dry portion)	
Vapor Density (AIR=1)		Evaporation Rate	
1 (Liquid) NA(dry)		Butyl Acetate = 1 < 1 (Liquid) NA(dry)	

## Solubility in Water

Dilutable (liquid) 0.05 to 0.5% (dry) off white

## Appearance and Odor

Milky white liquid, slight ammoniacal odor, off-white, concrete gray, or asph. gray powder in outer pail, depends on color purchased.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	Lel	Uel
Non-combustible, non-explosive	NA	NA	NA
Extinguishing Media			
NA			
Special Fire Fighting Procedures			
NA (None)			

## \* Fire and Explosion Hazards

Material can splatter above 212°F. Polymer film can burn (liquid). None (dry)

## SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: Not required, Respirable dust -  $5 \text{ mg/m}^3$  Total dust -  $10 \text{ mg/m}^3$   
Particles/ft<sup>3</sup> - 30 million

Effects of Overexposure: (Liquid) - Inhalation: Vapor or mist can cause headache and irritation of the nose, throat, and lungs. Skin Contact: Slightly irritating to skin upon prolonged contact. Eye contact: Slightly irritating to eyes.

(Dry) - Acute: Wet patch can dry the skin and cause slight alkali burns. Patch dust can irritate the eyes and upper respiratory system. Chronic: Patch dust can cause inflammation of the nostril tissue and of the cornea. Hypersensitive persons may develop an allergic dermatitis.

Emergency First Aid Procedures: (Liquid) Eye Contact: Slightly irritating to eyes. Eye and Skin Contact: Flush eyes with large amounts of water. See a physician if irritation persists. Wash skin with soap and water.

(Dry) Irrigate eyes immediately and repeatedly with water and get prompt medical attention. Wash skin with soap and water.

## SECTION VI - REACTIVITY DATA

Stable: Condition to Avoid: (Dry) - Keep dry until used.

(Liquid) - Temperatures over 350°F

Incompatibility (Materials to Avoid) - None

Hazardous Decomposition Products: NA

Hazardous Polymerization: Will not occur. Conditions to Avoid: NA

## SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

(Liquid) Floor may be slippery; use care to avoid falling. Contain spill with inert material such as sand and scoop material up for disposal.

(Dry) - Use dry cleanup methods that do not disperse the dust into the air. Avoid breathing the dust. Emergency procedures are not required.

Waste Disposal Method:

(Liquid) Land fill or incinerate according to local, state, and federal regulations.

(Dry) May be disposed of as common waste or put back in container for re-use if material is not contaminated.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):

(Liquid) None required.

(Dry) Use of a NIOSH approved respirator is recommended.

Local Exhaust: (Dry) Use to control airborne dust levels, if necessary.

Protective Gloves: (Liquid) Impervious, if skin is sensitive.

(Dry) Use to protect skin from prolonged contact.

Eye Protection: (Liquid) splash goggles.

(Dry) Use of goggles is recommended in dusty environments.

## SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: (Dry) None

(Liquid) Storage temperature: Maximum - 140 F; Minimum - 32 F

Other precautions: (Dry) None

(Liquid) None