

# SAFETY DATA SHEET

## SECTION 1: Identification

Trade Name: 806 SPRAYABLE PART A

Emergency phone

Supplier and manufacturer:  
MADEWELL PRODUCTS CORPORATION  
7561 INDUSTRIAL COURT  
ALPHARETTA GA 30004  
PHONE: 770-475-8199  
FAX: 770-475-8167

PERS 800-633-8253

## SECTION 2: Hazard(s) Identification

### GHS Ratings:

|                        |    |  |
|------------------------|----|--|
| Flammable liquid       | 4  | Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F)                    |
| Skin corrosive         | 2  | Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation |
| Eye corrosive          | 2A | Eye irritant: Subcategory 2A, Reversible in 21 days  |
| Respiratory sensitizer | 1  | Respiratory sensitizer   |
| Skin sensitizer        | 1  | Skin sensitizer  |
| Carcinogen             | 1A | Known Human Carcinogen Based on human evidence   |

### GHS Hazards

|      |   |
|------|---|
| H227 | Combustible liquid  |
| H315 | Causes skin irritation  |
| H317 | May cause an allergic skin reaction                                       |
| H319 | Causes serious eye irritation   |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H350 | May cause cancer  |

### GHS Precautions

|                |   |
|----------------|---|
| P201           | Obtain special instructions before use  |
| P202           | Do not handle until all safety precautions have been read and understood  |
| P210           | Keep away from heat/sparks/open flames/hot surfaces – No smoking  |
| P235           | Keep cool   |
| P261           | Avoid breathing dust/fume/gas/mist/vapours/spray  |
| P264           | Wash hands thoroughly after handling  |
| P272           | Contaminated work clothing should not be allowed out of the workplace   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection   |
| P281           | Use personal protective equipment as required   |
| P285           | In case of inadequate ventilation wear respiratory protection   |
| P321           | Specific treatment (see instructions on this label)   |
| P362           | Take off contaminated clothing and wash before reuse  |
| P363           | Wash contaminated clothing before reuse   |
| P302+P352      | IF ON SKIN: Wash with soap and water  |
| P304+P341      | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing        |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing |
| P308+P313      | IF exposed or concerned: Get medical advice/attention   |

P332+P313  
P333+P313  
P337+P313  
P342+P311  
P370+P378  
P405  
P403+P235  
P501

If skin irritation occurs: Get medical advice/attention  
If skin irritation or a rash occurs: Get medical advice/attention  
If eye irritation persists, get medical advice/attention  
Call a POISON CENTER or doctor/physician  
In case of fire: Use ... for extinction  
Store locked up  
Store in a well ventilated place. Keep cool  
Dispose of contents/container to ...

Signal Word: Danger



### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                           | CAS number | Weight Concentration % |
|---|------------|------------------------|
| BISPHENOL-A/EPICHLOROHYDRIN EPOXY RESIN | 25068-38-6 | 30.00% - 40.00%        |
| TALC                                    | 14807-96-6 | 5.00% - 10.00%         |
| TITANIUM DIOXIDE                        | 13463-67-7 | 5.00% - 10.00%         |

### SECTION 4: First Aid Measures

**Inhalation:** Move person to fresh air. Get medical attention if symptoms develop.

**Eye contact:** Bathe the eye with running water for at least 15 minutes, lifting upper and lower eyelids. Get medical attention if symptoms persist.

**Skin contact:** Drench the affected area immediately with plenty of water, remove contaminated clothing. Wash thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation, rash, or other adverse effects occur.

**Ingestion:** DO NOT induce vomiting; rinse mouth then drink plenty of water; get medical attention if symptoms persist.

**Most important symptoms and effects, both acute and delayed**

Skin irritation, allergic reactions.

### SECTION 5: Fire Fighting Measures

Flash Point: 90 C (194 F)

LEL: N/A

UEL: N/A

**Extinguishing media:** Carbon dioxide, alcohol resistant foam, dry chemical, water fog; use water spray to cool fire-exposed containers. Do not use direct water stream which may spread fire.

**Unusual fire/ expl. hazards:** Exposure to decomposition products may be harmful to health; combustion products may include but are not limited to: carbon monoxide, carbon dioxide, phenolics; smoke may contain particles of the original material as well. Prevent fire-fighting waters from entering sewer or waterways.

**Fire equipment:** Use protective fire fighting clothing and positive pressure self-contained breathing apparatus to protect against potential harmful and/or irritating fumes. Do not use high volume water jet as this may spread the area of the fire.

### SECTION 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

Isolate area; ensure adequate ventilation; use appropriate personal protection equipment; avoid breathing mist, vapors, spray; avoid contact with skin, eyes and clothing; keep unnecessary and unprotected personnel from entering the involved area.

**Environment precautions;**

Prevent contamination of soil and water. Prevent from spreading or entering into drains ditches, waterways by using sand, earth or appropriate barriers.

**Method and material for containment and cleaning up**

Absorb with sand, diatomaceous earth or universal binders and collect into suitable disposal container. Dispose of in accordance with applicable local and federal environmental control laws and regulations.

|  |
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| <b>SECTION 7: Handling and Storage</b> |
|--|

**Precautions for safe handling**

Ensure adequate ventilation of workplace and storage areas; avoid skin contact; do not breathe mist, vapors, spray; use recommended personal protective equipment; wash thoroughly after handling. Do not eat, drink or smoke in the work area. Avoid use of electric band heaters (failures of such heaters have been reported to cause drums of liquid epoxy resin to explode and catch fire). Never apply a direct flame to any container of product.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated place. Keep away from incompatible materials. Keep container tightly closed. Recommended storage temperature: 10-35C (50-95F)

|   |
|---|
| <b>SECTION 8: Exposure Controls/Personal Protection</b> |
|---|

| Chemical Name / CAS No.                               | OSHA Exposure Limits       | ACGIH Exposure Limits | Other Exposure Limits |
|---|----------------------------|-----------------------|-----------------------|
| BISPHENOL-A/EPICHLOROHYDRIN EPOXY RESIN<br>25068-38-6 | Not Established            | Not Established       | Not Established       |
| TALC<br>14807-96-6                                    | 2MG/M3 RESPIRABLE FRACTION | 2MG/M3                | Not Established       |
| TITANIUM DIOXIDE<br>13463-67-7                        | TWA 15 MG/M3               | TWA 10MG/M3           | Not Established       |

Occupational exposure limits: OSHA/PEL: None established.

Ensure adequate ventilation through local exhaust.

Follow good industrial workplace practices; do not eat, drink or smoke while handling; wash hands before breaks and at end of workshift; follow recommendations in this SDS.

**Eye/face protection**

Use safety glasses with side shields.

**Skin protection**

Wear impervious clothing as necessary to protect against product contact. Necessity for boots, apron, face shield, etc. will be dependent on any hazards presented in the work process.

**Respiratory protection**

Although no exposure limits have been established, respiratory protection may be of use if any respiratory irritation or discomfort is noted; if the material is processed at elevated temperatures without adequate ventilation it may be necessary to wear an air-purifying respirator with organic vapor cartridge; respirator use should follow the guidelines of an established respiratory protection program in compliance with 29CFR1910.134.

**Hand protection**

Wear nitrile rubber, nitrile, neoprene, PVC or other suitable impervious gloves. Gloves selected must have a breakthrough rating appropriate for the work shift.

**Other protective equipment**

The type and degree of personal protective equipment appropriate will depend on the specific work operation. Eye wash stations and emergency showers should be available.

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| <b>SECTION 9: Physical and Chemical Properties</b> |
|--|

**Physical state:** Viscous liquid  
**Initial Boiling Point:** 200C  
**Melting Point:** Not applicable  
**Type of Odor:** Slight ethereal odor  
**Odor Threshold:** Not determined  
**Flammability Classification:** Combustible IIIB  
**Flash Point:** 252C (486F) (PMCC)  
**Vapor Pressure:** <0.001 mmHg@32C  
**Vapor Density:** >1  
**Evaporation Rate:** <1  
**Decomposition Temperature:** >200C  
**Solubility in Water:** Insoluble  
**pH:** Approximately neutral (1:1 in water)  
**Octanol/Water Partition Coefficient (log Pow):** 3  
**Autoignition Temperature:** >300C (>572F)  
**Specific Gravity:** 1.594 at 20C  
**Viscosity:**

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

No dangerous reaction is known under normal use and storage conditions.

**Stability:** Stable under normal use and storage conditions.

**Possibility of hazardous reactions:**

**Conditions to avoid:** Elevated temperatures

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** By fire: carbon monoxide, aldehydes

## SECTION 11: Toxicological Information

### Mixture Toxicity

#### Component Toxicity

25068-38-6 BISPENOL-A/EPICHLOROHYDRIN EPOXY RESIN  
Oral LD50: 5,000 mg/kg (RAT)

**Acute Oral Toxicity:** LD50(rat): >5000 mg/kg

**Acute Dermal Toxicity:** LD50(rabbit); 20,000 mg/kg

**Skin Corrosion/irritation (rabbit):** Causes slight skin irritation

**Serious Eye Damage eye Irritation (rabbit):** Causes serious eye irritation; corneal injury is not likely.

**Skin:** Causes mild skin irritation; may cause sensitization; once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Eyes:** Causes serious eye irritation; pain, irritation, watering, redness.

**Ingestion:** Low toxicity; incidental ingestion of small amounts not anticipated to be harmful.

**Inhalation:** Low volatility; not expected to be a significant route of exposure.

**Specific Target Organ Toxicity - single exposure (STOT-se):** Not classified based on available data.

**Specific Target Organ Toxicity - repeated exposure (STOT-re):** Not classified based on available data.

### Effects of Overexposure

**Carcinogenicity:** Not Classified based on available data., Not listed by IARC,NTP,OSHA

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
| 14807-96-6        | TALC               | % - 10%         | TALC:                    |

**Potential Chrgonic Health Effects:** 90 day (rat) Repeated Dose Oral Toxicity Study NOAEL: 50 mg/kg

## SECTION 12 - ECOLOGICAL INFORMATION

### Acute/prolonged toxicity to fish

LC50 (Fathead minnow) (96-hr): 3.1 mg/l

### Acute/prolonged toxicity to aquatic invertebrates

EC50 (Daphnia magna) (24-hr): 3.6 mg/l

### Acute/prolonged toxicity to aquatic plants

No data available

### Toxicity of bacyteria, to soil dwelling organisms and to terrestrial plants

No Data available

### Chronic toxicity to aquatic organisms

No data available

### General effect

Note that product is essentially water insoluble; not expected to present a marine hazard

### Persistence and degradability

Biodegradation rate: 5% after 28 days (not readily biodegradable)

### Bioaccumulative potential

BCF = 31, Log Pow = 3 (low potential to bioaccumulate in aquatic organisms)

### Mobility in soil

No data availabel

### Results of PBT and vPvB assessment (EC reg. 453/2010)

Not classified as persistent, bioaccumulative and toxic

Not classified as very persistent or very bioaccumulative

## Component Ecotoxicity

## SECTION 13 - DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Disposal:** Do not dump to ground, sewers or wtercourses. Reuse uncontaminated material wehn possilbe. All methods of disposal must be in compliance with all applicable federal, state and local environmental control laws and regulations. Waste characterization according to RCRA guidelines and compliance wiyth applicable laws are the responsilibility solely of the waste generator.

**Container disposal:** Containers should be drained of all residual product prior to disposal; empty/clean containers should be recycled; incinerate or landfill when recycling is not feasible.

## SECTION 14 - TRANSPORT INFORMATION

### Shipping description

DOT: Not regulated as hazardous for transport

### IMDG:

UN3082 Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)

**Hazard Class:** 9

**Packing Group:** PG III

**EmS No.:** F-A, S-F

**Cargo/passenger Packing Instruction:** 964

**Additional Information:** MARINE POLLUTANT

Classification of the material for transportation purposes may vary by container volume as well as regional or country variations in regulations.

## SECTION 15 - REGULATORY INFORMATION

**Safety, health and environmenbtal regulations/legislation specific for the substance or mixture**

**SARA Title III Section 311/312 (40CFR370):** Acute health hazard

**SARA Title III Section 313 (40CFR372):** No reportable components

**CERCLA Statue (40CFR302):** No reportable quantity components

SDS for: 806 A SPRAYABLE

TSCA Inventory Status: Reported/included

Canadian DSL Status: Reported/included

Canadian WHMIS Classification: D2B

Chemicals known to the State of California to cause cancer or reproductive toxicity: THIS PRODUCTS CONTAINS ePICHLOROHYDRIN cas# 106-89-8 (10 ppm maximum).

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

14808-60-7 QUARTZ 0.1 - 1.0% REPRODUCTIVE

Country

Regulation

All Components Listed

EU Risk Phrases

Safety Phrase

## SECTION 16 - OTHER INFORMATION

HMIS ratings:

Health 2

Flammability 1

Reactivity 0

(Personal protective equipment selection is best assigned by the user after performing a hazard assessment on the product as it is to be used in the specific work process.)

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Reviewer Revision