

ChillTie® SAFETY DATA SHEET

Revision date: 4-5-2017

Section 1: Identification

Product name: ChillTie®
Company: G. F. Lasswell Co., Inc.
Telephone: 800-666-4313
Fax: 877-644-0130
E-mail: masters@lasswell.com
Emergency: 800-666-4313

Section 2: Hazard(s) Identification

Appearance and Odor:

Form: Granular solid wrapped in fabric

Color: White

Odor: None

Potential Health Effects:

None. See Section 11 for more information.

Potential Physical/Chemical Effects:

Material contained inside fabric when introduced to water swells and may render contents slippery.

OSHA Regulatory Status:

This material is not considered hazardous in accordance with OSHA 29 CFR 1910.1200.

Potential Environmental Effects:

None. See Section 12 for more information.

Other information No information available.

Section 3: Composition / Information on Ingredients

Identification:

Acrylic polymers in primers forms. Crosslinked modified acrylic polymer. Chemically neutral material.

Section 4: First-Aid Measures

Inhalation: Move to fresh air.

Skin contact: Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.

Eye contact: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.

Ingestion: Rinse mouth with water. Do not induce vomiting.

Section 5: Fire-Fighting Measures

Suitable extinguishing media: Water. Water spray. Foam. Dry powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: None.

Precautions: The product swells in water. The product when wet renders surfaces extremely slippery.

Special protective equipment for firefighters: No special protective equipment required.

Specific methods: Keep personnel removed and upwind of fire.

Specific hazards: In the event of fire the following can be released: Nitrogen Oxides. Carbon Oxides.

Flash point (°C): Not applicable.

Auto ignition temperature (°C): Not applicable.

Section 6: Accidental Release Measures

Personal precautions: No special precautions required. The product swells in water. The product when wet renders surfaces extremely slippery.

Environmental precautions: As with all chemical products, do not flush into surface water.

Methods for cleaning up: Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.

Storage: Keep in a dry, cool and well-ventilated place. The recommended storage temperature is 5-30 °C.

Technical measures/Precautions: No special precautions required.

Incompatible products: Strong oxidizing agents. Acids.

Technical measures/Storage conditions: No special storage conditions required.

Chill Tie® SAFETY DATA SHEET

Revision date: 4-5-2017

Section 8: Exposure Controls / Personal Protection

Occupational Exposure Limits: None.

Engineering measures: Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.

Personal protective equipment:

Respiratory protection: Dust safety masks are recommended where concentration of total dust is more than 10 mg/m³.

Hand protection: PVC or other plastic material gloves.

Eye protection: Safety glasses with side-shields. Do not wear contact lenses where this product is used.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Form: Granular solid wrapped in fabric

Color: White

Odor: None

pH: 5 - 8 @ 5 g/L

Melting point/range (°C): > 150°C

Flash point (°C): Not applicable.

Boiling point (°C): Not applicable

Auto ignition temperature (°C): Not applicable.

Vapor pressure (mm Hg): Not applicable

Approx. bulk density: 0.6 - 0.9

Viscosity (mPa.s): See Technical Bulletin

Water solubility: Insoluble

LogPow: -2

Section 10: Stability and Reactivity

Stability: Stable. Hazardous polymerization does not occur.

Materials to avoid: Strong oxidizing agents. Strong acids. Oxidizing agents may cause exothermic reactions.

Hazardous decomposition products: Thermal decomposition may produce: nitrogen oxides (NO_x), carbon oxides (CO_x). Hydrogen cyanide (hydrocyanic acid).

Section 11: Toxicological Information

Product Information

Acute toxicity:

Oral: LD50/oral/rat > 5000 mg/kg

Dermal: LD50/dermal/rat > 5000 mg/kg

Inhalation: The product is not expected to be toxic by inhalation.

Irritation:

Skin: Not irritating.

Eyes: Not irritating.

Sensitization: Not sensitizing.

Mutagenicity: Not mutagenic.

Carcinogenicity: Not carcinogenic.

Reproductive effects: Not toxic for reproduction.

Chronic toxicity: No chronic effects.

Section 12: Ecological Information

Product Information

Aquatic toxicity:

Toxicity to fish: LC50/Danio rerio/96 hours > 100 mg/L (OECD 203)

Toxicity to daphnia: EC50/Daphnia magna/48 hours > 100 mg/L (OECD 202)

Toxicity to algae: IC50/Scenedesmus subspicatus/72 hours > 100 mg/L (OECD 201)

Environmental fate:

Persistence and degradability: Not readily biodegradable.

Hydrolysis: Does not hydrolyze.

Bioaccumulation: Does not bioaccumulate.

LogPow: -2

LogKow: Not determined.

Chill Tie® SAFETY DATA SHEET

Revision date: 4-5-2017

Section 13: Disposal Considerations

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

Container: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local, state and federal regulations.

Section 14: Transport Information

DOT: Not classified as dangerous in the meaning of DOT regulations.

IMDG/IMO: Not classified as dangerous in the meaning of IMO/IMDG regulations.

ICAO/IATA: Not classified as dangerous in the meaning of ICAO/IATA regulations.

Section 15: Regulatory Information

Product Information

US SARA Reporting Requirements: None.

RCRA status : Not RCRA hazardous.

SARA (Section 311/312) hazard class: Not concerned.

California Proposition 65 Information: WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

International Inventories:

USA (TSCA): All components of this product are either listed on the inventory or are exempt from listing.

China (IECSC): All components of this product are either listed on the inventory or are exempt from listing.

European Union (REACH): All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

Australia (AICS): All components of this product are either listed on the inventory or are exempt from listing.

Japan (ENCS): All components of this product are either listed on the inventory or are exempt from listing.

Korea (ECL): Status not yet confirmed. For Research & Development purposes only.

Philippines (PICCS): Status not yet confirmed. For Research & Development purposes only.

Taiwan (CSNN): All components of this product are either listed on the inventory or are exempt from listing.

New Zealand (NZIoC): All components of this product are either listed on the inventory or are exempt from listing.

Section 16: Other Information

NFPA and HMIS Ratings:

NFPA:

Health: 1

Flammability: 1

Instability: 0

HMIS:

Health: 1

Flammability: 1

Physical Hazard: 0

PPE Code: B

This MSDS was prepared in accordance with the following:

ISO 11014-1: Material Safety Data Sheet for Chemical Products

ANSI Z400.1-2004; Material Safety Data Sheets - Preparation

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.