

SDS# Cool-Weld  
Date: June 2015

Total Pages: 5

# Cool-Weld™

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Cool-Weld™ Gel Heat Sink Spray

**Catalog Number:** Cool-Weld

**Manufactured by:** DiversiTech Corporation  
6650 Sugarloaf Parkway  
Duluth, GA 30097

**Information Phone No:** 1+678-542-3600

**EMERGENCY Phone No.:** 1+800.434.9300 Chem-Tel (Chemical Emergencies Only)

**Date Revised:** 06/02/2015

**Prepared by:** V. Leone

## SECTION 2. HAZARDOUS IDENTIFICATION

### GHS Classification:

Skin Irritation Category 2

Eye Irritation Category 2A

Carcinogen Category 2

Specific Target Organ Toxicity- Single Exposure Category 3

Specific Target Organ Toxicity- Repeat Exposure Category 2

### Label Elements:



### Signal Word

Warning!

### Hazard Statement(s)

H305	May be harmful if swallowed and enters airways
H316	Causes mild skin irritation.
H320	Causes eye irritation.
H315	Causes skin irritation.

### Precautionary Statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P232	Protect from moisture.
P233	Keep container tightly closed.
P235	Keep cool.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash thoroughly after handling.
P280	Wear rubber, nitrile or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.
P285	In case of inadequate ventilation wear respiratory protection.
P308	IF exposed or concerned: Consult medical advice or attention
P309	IF you feel unwell: Consult medical advice or attention

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## SECTION 2. HAZARDOUS IDENTIFICATION (cont.)

- P301 IF SWALLOWED: Immediately drink 3 or 4 glasses of water followed by a large glass of citrus juice. Do not induce vomiting. Call a physician immediately.
- P302 IF ON SKIN: Flush affected area with water for 15 minutes or until skin no longer feels slick. If irritation persists or burns are present, consult a physician.
- P304 IF INHALED: Remove person to fresh air. If unconscious or if breathing does not return to normal within a few minutes, contact a physician immediately.
- P305 IF IN EYES: Flush eyes with running water for at least 15 minutes while lifting lids periodically. Call a physician without delay.
- P402 Store in a dry place.
- P403 Store in a well-ventilated place.
- P501 Dispose of spill clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved by recovery should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. Empty containers of this material, properly rinsed with water, pose no disposal hazard and may be recycled. State and local disposal regulations may differ from federal disposal regulations.

### HMIS III Ratings:

#### HMIS III®

Health	0
Flamability	0
Physical Hazard	0
Personal Protection	B

## SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
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No component of this mixture is considered hazardous by OSHA Hazard Communication Standard (29CFR 1910.1200)

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Skin Contact:** Wash with soap and water. Rinse with copious amounts of fresh, running water. If irritation persists, get medical attention.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### 4.2. Signs and Symptoms of Exposure:

**Ingestion:** Swallowing may cause gastro-intestinal irritation, nausea, vomiting, diarrhea

**Skin Contact:** Frequent or prolonged contact may cause minor irritation or drying of skin.

**Eye Contact:** May cause mild, temporary irritation of eyes.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin disorders or eye problems may be more susceptible to the effects of the product.

## SECTION 5. FIREFIGHTING MEASURES

**Suitable and Unsuitable Extinguishing Media:** This product is not flammable.

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## SECTION 5. FIREFIGHTING MEASURES (cont.)

**Special Equipment and Precautions for Fire-Fighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool fire-exposed containers with a water spray.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

**Methods and Material for Containment and Clean-Up:** Contain and absorb liquid with clay, vermiculite or other inert substance, sweep up and package in a container suitable for disposal. Wash away residues with water. Dispose of absorbed material in accordance with Federal, local and state regulations.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children. Avoid contact with eyes and skin. Avoid inhalation of vapors and mists. Wash thoroughly after handling.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Airborne Exposure Limits:** Not available

### Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):** Not required for normal use in accordance with label directions.

**Skin Protection:** Use latex, neoprene or nitrile gloves to minimize skin contact.

**Eye Protection:** Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.



**Work Hygienic Practices:** Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Viscous tan/greyish gel  
**Odor:** Odorless  
**Odor Threshold:** Not established  
**pH @ 25°C:** 7.0-8.5  
**Melting Point (Pour Point):** ≤ 0°C (32°F)  
**Boiling Point:** >102°C (215°F)  
**Flash Point:** None  
**Evaporation Rate (Water = 1):** > 1  
**Flammable Limits:** Not available  
**LEL:** N/A  
**UEL:** N/A

**Solubility in water:** Dispersible  
**Octanol/Water Partition Coefficient:** Not available  
**Autoignition Temperature:** Not available  
**Decomposition Temperature:** Not available  
**Vapor pressure (mm Hg):** 17.8 @20°C  
**Vapor Density (Air = 1):** ~0.85

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## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under ordinary conditions of use and storage.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** Incompatibles.

**Incompatible Materials:** Avoid contact with strong oxidizing agents, strong alkalis and strong acids.

**Hazardous Decomposition Products:** None suggested.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Potential Health Effects:**

**Inhalation:** Mist or spray may be slightly irritating to respiratory tract.

**Ingestion:** Swallowing may cause gastro-intestinal irritation, nausea, vomiting, diarrhea.

**Skin Contact:** Frequent or prolonged contact may cause minor irritation or drying of skin.

**Eye Contact:** May cause mild, temporary irritation of eyes.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin disorders or eye problems may be more susceptible to the effects of the product.

**Carcinogenic effects:** None known

**Teratogenicity/Reproductive toxicity:** None known

**Mutagenic effects:** None known

**Numerical Measures of Toxicity:** Not available

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Aquatic:** Not available

**Persistence and Degradability:** Not applicable

**Bioaccumulative Potential:** It is not expected to bio-accumulate.

**Mobility in Soil:** Final destination of reacted products is water. Readily absorbed into soil.

**Other Adverse Effects:** None known

**Other:** For more information, see "[HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA.](#)"

## SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved by recovery should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. Empty containers of this material, properly rinsed with water, pose no disposal hazard and may be recycled. State and local disposal regulations may differ from federal disposal regulations.

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## SECTION 14. TRANSPORTATION INFORMATION

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not Environmentally Hazardous Substance or Marine Pollutant

Special precautions for user: Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

## SECTION 15. REGULATORY INFORMATION

US EPA:

Comprehensive Environmental Response Compensation and Liability

Act of 1980 (CERCLA): Not applicable

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Threshold

Planning Quantity: Does not apply.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Form R

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are either listed on the TSCA inventory or exempt from listing.

State Right to Know

California Proposition 65: No components of this product appear on the Prop 65 Chemical List.

Massachusetts: Hazardous substances and extraordinarily hazardous substances must be identified.

Pennsylvania: hazardous substances must be identified.

SARA 311/312: Acute: **No** Chronic: **No** Fire: **No** Pressure: **No** Reactivity: **No**

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. CANADA INVENTORY (DSL/NDL): The components of this product are not listed on the DSL.

## SECTION 16. OTHER INFORMATION

Revision Summary: All Sections: New GHS Format

*This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.*