

SDS# Cool Weld-32
Date: December 2015

Cool-Weld™

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cool-Weld™ Gel Heat Sink Spray

Catalog Number: Cool Weld-32

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)

Prepared by: V. Leone

SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Label Elements:

The product does not require a hazard warning label in accordance with GHS criteria.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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.

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.

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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

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.

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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.

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

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

SECTION 16. OTHER INFORMATION

Revision Summary: All Sections: New GHS Format

Date Revised: 12/02/2015

HMIS III Ratings:

HMIS III®

Health	0
Flamability	0
Physical Hazard	0
Personal Protection	B

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