

Safety Data Sheet



Issue Date 28-Jan-2007

Revision Date: 02-Apr-2015

Version 1

1. IDENTIFICATION

Product Identifier

Product Name HEAT SHIELD GEL

Other means of identification

SDS # KI-053

Recommended use of the chemical and restrictions on use

Recommended Use Thermo Gel.

Details of the supplier of the safety data sheet

Supplier Address

Kemper Industries, Inc.
P.O. Box 1172
2197 Stanton Rd.
Daphne, AL 36526

Emergency Telephone Number

Company Phone Number Handling 251-626-3083
Technical 866-536-4225
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

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.

Appearance Clear liquid

Physical State Liquid Gel

Odor None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Proprietary blend, contains no hazardous substances.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	No special measures required.
Eye Contact	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.
Skin Contact	Generally the product does not irritate the skin. Wash with soap and water
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air. Consult doctor in case of complaints.
Ingestion	If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

Most important symptoms and effects

Symptoms	Direct contact with eyes may cause temporary irritation. May cause discomfort if swallowed.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

The product is not flammable use extinguishing methods for surrounding conditions.

Specific Hazards Arising from the Chemical

Product is not flammable or combustible.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Ensure adequate ventilation. Use protective personal equipment as required.
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Methods and material for containment and cleaning up Stop spill at source, dyke area of spill to prevent spreading.

Methods for Clean-Up Small Spill: Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material.
 Large Spill: Pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent or other absorbent material and shoveled into containers. Dispose in accordance with local, provincial/state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Do not take internally. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Avoid contact with eyes, skin and clothing. Avoid inhalation of dusts or vapors. Wear appropriate chemical protective clothing and equipment. Always wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines The following information is given as general guidance

Appropriate engineering controls

Engineering Controls Local exhaust ventilation recommended. Eye bath and safety shower should be available.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection Not required under normal conditions of use.

Respiratory Protection Not required under normal conditions of use.

General Hygiene Considerations Do not eat, drink, use tobacco products, chew gum or apply cosmetics in area where there is potential for exposure to this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Odorless
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Blue clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7 - 8	
Melting Point/Freezing Point	Not Determined	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	Not applicable	
Evaporation Rate	Not applicable	
Flammability (Solid, Gas)	Not applicable	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.03	
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

No further relevant information available.

Hazardous Decomposition Products

Possible in traces.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

LD50 or LC50 values for classification: None.

Eye Contact

No irritating effect.

Skin Contact

No irritating effect.

Subacute to chronic toxicity

No further relevant information available.

CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction) None.

Component Information**Information on physical, chemical and toxicological effects**

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data is available on finished product.

Persistence/Degradability

No further relevant information available.

Bioaccumulation

No further relevant information available.

Mobility

No further relevant information available.

Other Adverse Effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC

- China Inventory of Existing Chemical Substances KECL -

Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

None of the ingredients are listed

US State Regulations

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

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Revision Note New format

Disclaimer

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.

End of Safety Data Sheet