

Revision Date:
June 8, 2016

SAFETY DATA SHEET

Part Number: 71157
Polar Heat Block Gel
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The Maintenance Connection
24-HOUR EMERGENCY CONTACT: INFOTRAC 1-800-535-5053

SECTION 1 CHEMICAL PRODUCT AND SUPPLIER'S INFORMATION

Product ID: 71157

Product Name: Polar Heat Block Gel

Supplier's Name: The Maintenance Connection

Supplier's Address: 31 Washington Avenue, Scarborough, ME 04074

Emergency Telephone: Infotrac 1-800-535-5053

Information Telephone: 1-888-298-8585

Product/Recommended Uses: Cooling Gel absorbs heat during soldering, brazing, or welding

SECTION 2 HAZARDS(S) IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (GHS-US)

Not Classified

2.2 Label Elements

GHS-US Labeling

No labeling application

2.3 Other Hazards

No additional information available.

2.4 Unknown Acute toxicity (GHS US)

Not applicable.

SECTION 3 COMPOSITION/INGREDIENTS

3.1 Substance

Not applicable

Full text of H-phrases: see section 16.

3.2 Mixture

SECTION 4 FIRST AID MEASURES

4.1 Description of First Aid Measures

General: If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Remove the victim into fresh air.

Skin Contact: Rinse skin with water/shower.

Eye Contact: Rinse immediately with plenty of water. Remove contact lenses if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth with water. DO NOT induce vomiting.

SECTION 4 FIRST AID MEASURES (Continued)

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Not expected to present a significant under anticipated conditions of normal use.

After Inhalation: None under normal use.

Skin Contact: Contact during a long period may cause light irritation.

Eye Contact: May cause slight irritation.

Ingestion: Gastrointestinal complaints.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: All extinguishing media allowed.

5.2 Special hazards arising from the substance or mixture

Reactivity: Upon combustion: CO and CO₂ are formed.

5.3 Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical Fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Isolate from fire, if possible, with unnecessary risk.

6.1.1 For non-emergency personnel

Protective equipment: Protective goggles. Gloves. Protective clothing.

Emergency Procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2 For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Stop leak if safe to do so. Stop release. Ventilate area.

6.2 Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3 Methods and material for containment and cleaning up.

For containment: contain released substance, pump into suitable containers.

Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation.

6.4 Reference to other sections

No additional information available.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as require. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing.

Hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage conditions: Keep container closed when not in use.

Storage area: Meet the legal requirements. Store in cool area. Store in a dry area.

Special rules on packaging: Meet the legal requirements.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Control parameters

No additional information available.

8.2 Exposure controls

Personal protective equipment: Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Protective clothing. Safety Glasses.



SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Clear, colorless liquid. Gel

Odor: No Odor

Odor threshold: No data available

pH: 6 - 8

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Relative evaporation rate (butyl acetate=1): No data available

Flammability: No data available

Explosion limits: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Relative density: No data available

Relative vapor density at 20°: No data available

Specific gravity / density: 0.9995 g/ml

Solubility: Soluble in water

Low Pow: No data available

Log Kow: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Viscosity, kinematic: Not data available

Viscosity, dynamic: 9000-15000 cP

VOC content: 0%

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

Upon composition: CO and CO₂ are formed.

10.2 Chemical stability

No additional information available.

10.3 Possibility of hazardous reactions

Refer to section 10.1 on Reactivity

10.4 Conditions to avoid

No additional information available.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified
pH 6 - 8

Serious eye damage/irritation: Not classified
pH 6 - 8

Respiratory or skin sensitization: Not classified

Germ cell: mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific organ toxicity (single exposure): Not classified

Specific organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified.

Symptoms/injuries after inhalation: None under normal use.

Symptoms/injuries after skin contact: Contact during a long period may cause light irritation.

Symptoms/injuries after eye contact: May cause slight irritation.

Symptoms/injuries after ingestion: Gastrointestinal complaints.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

No additional information available.

12.3 Possibility of hazardous reactions

No additional information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste disposal recommendations: Dispose of in a safe manner in accordance with local/national regulations.

SECTION 14 TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with the DOT: Not regulated for transport

Additional Information

Other information: No supplementary information available.

ADR

No additional information available.

Transport by sea

No additional information available.

Air transport

No additional information available.

SECTION 15 REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to cause cancer and/or reproductive toxicity.

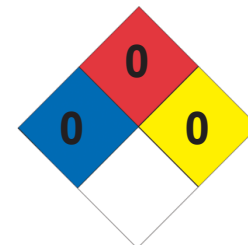
SECTION 16 OTHER INFORMATION

Training Advice: Normal use of the this product shall imply use in accordance with the instructions on the packaging.

NFPA health hazard: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 0 - Materials that will not burn.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions.



This 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 other process. Such information is to the best of the company's knowledge and believed to be accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of its use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

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