

Material Safety Data Sheet

Revision Date September 23, 2009	Prepared by Patti Rogers	Technical Information 1-800-201-8822 or support@mgchemicals.com
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Section 1: Product Identification

MSDS Code: 8615

Name: Super Thermal Grease

Related Part Numbers: 8615

Use: For improving the thermal connection between the CPU and the heat sink on a PC.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
64742-52-5	Hydrotreated heavy Naphthaenic petroleum oil	57-62%	N/e	N/e	N/e
10043-11-5	Boron nitride	36-41%	N/A	N/A	N/A
112945-52-5	Amorphous Silica	< 1%	N/A	6 mg/m3	N/A

Section 3: Hazards Identification

Eyes:	Causes moderate eye irritation.
Skin:	May cause mild skin irritation.
Inhalation:	May cause irritation of nose, throat or respiratory tract. Avoid inhalation.
Ingestion:	Do not ingest. May cause gastrointestinal discomfort.
Chronic:	None known

Section 4: First Aid Measure

Eyes:	Remove contact lenses. Flush with water or saline. Get medical aid if irritation persists.
Skin:	Wash skin with soap and water.
Inhalation:	Move person to fresh air.
Ingestion:	DO NOT induce vomiting. If necessary, seek medical attention.

Section 5: Fire Fighting Measures

Autoignition Temperature:	>315°C	Flash Point:	163°C	LEL / UEL:	N/D
Extinguishing Media:	Water spray, foam, dry powder or carbon dioxide.				
General Information:	Will burn if involved in a fire.				

Section 6: Accidental Release Measures

Spill Procedure: Wash spill area with soap and water. Place waste in a closed container.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes and skin.

Storage: Store in a cool, dry, well-ventilated area, away from incompatible substances. Keep container closed.

Section 8: Exposure Controls

Routes of entry: Eyes, ingestion, inhalation, and skin.

Ventilation: Use under well-ventilated conditions

Personal Protection: Use chemicals resistant, impervious gloves.

Section 9: Physical and Chemical Properties

Physical State:	Paste	Odor:	Odorless	Solubility:	Insoluble	Evaporation Rate:	N/A
Boiling Point:	N/E	Specific Gravity:	1.20	Vapor Pressure:	N/A	Vapor Density:	>5 (Air=1)
						pH:	N/A

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions to avoid: Sources of ignition.

Incompatibilities: Strong oxidizing agents

Polymerization: Will not occur.

Decomposition: Carbon monoxide and/or carbon dioxide,

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure) Not known to.

Carcinogenicity: (risk of cancer) No

Teratogenicity: (risk of malformation in an unborn fetus) No

Reproductive Toxicity: (risk of sterility) No

Mutagenicity: (risk of heritable genetic effects) No

Lethal Exposure Concentrations:	Ingestion (LD50):	Inhalation (LC50):	Skin (LD50):	Inhalation (TCLo):
Hydrotreated heavy Naphthaenic petroleum oil	N/A	N/A	N/A	N/A
Boron nitride	N/A	N/A	N/A	100 mg/m ³ /4h/28W Rat
Amorphous Silica	3160 mg/kg Rat	N/A	N/A	154 mg/m ³ /6H/4W rat

Section 12: Ecological Information

General Information: Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

Volatile Organic compounds, % by weight: 0%

Volatile Organic compounds, grams per litre: 0 g/L

Section 13: Disposal Information

General Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff

Information: can cause environmental damage.

Section 14: Transportation Information

Ground:

Not regulated.

Air:

Not regulated.

Sea:

Not regulated.

Section 15: Regulatory Information

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

DSL

All ingredients in this product are listed on the Domestic Substances List

WHMIS

This product belongs to the following categories: **None**

Industry and Science Canada

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

USA

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

This product does not contain toxic chemicals which has a reportable quantity

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain toxic chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

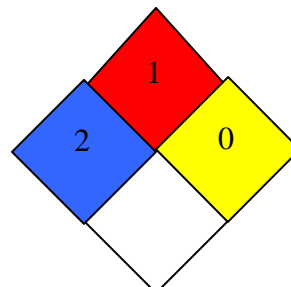
California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain chemicals known to the state of California to cause cancer or reproductive toxicity.

HMIS RATING

HEALTH:	2
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES





EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information

Definitions: N/A = not applicable, N/E = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.