



MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Heat Conductive Compound

Synonyms: MS1699

PRODUCT USE: Heat conductive material used to enhance contact and heat transfer in temperature sensor applications.

MANUFACTURER: Honeywell Inc., 1985 Douglas Drive North, Minneapolis, MN 55422

DATE RELEASED: April 16, 1999

MSDS ID: MBH039

NFPA Ratings:

Health 0

Flammability 1

Reactivity 0

Personal Protection B

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Percent	PEL	TLV
No. 2 Lithium Complex Grease (70%):				
Mineral Oil	64742-65-0	35-50	5 mg/m3	5 mg/m3
Mineral Oil	64742-62-7	20-25	5 mg/m3	5 mg/m3
Lithium Hydrostearate/Sebacate Complex				
	68815-49-6	4-9		
Zinc Alkyldithiophosphate				
	68649-42-3	0-2		
Aluminum Paste (30%):				
Aluminum, as Al	7429-90-5	20-25	15 mg/m3	10 mg/m3
Aliphatic Petroleum				
Distillates	8052-41-3	10-15	2900 mg/m3	525 mg/m3
Stearic Acid	57-11-4	1-2		
Aromatic Petroleum				

OSHA HAZARD CLASSIFICATIONS: None.

CARCINOGENICITY: Not considered to be a carcinogen by either OSHA, NTP, IARC, or ACGIH.

TARGET ORGANS: None known.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush eyes with water for 15 minutes. Remove any contact lenses and continue to flush. Obtain medical attention if irritation develops and persists.

SKIN CONTACT: Remove excess with cloth or paper. Wash thoroughly with mild soap and water. Obtain medical attention if irritation develops and persists.

INGESTION: Contact physician or local poison control center immediately.

INHALATION: Remove patient to fresh air and obtain medical attention if symptoms develop.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: >383 F (COC) Will burn if exposed to flame.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam.

SPECIAL FIRE FIGHTING PROCEDURES: None.

EXPLOSION HAZARDS: None. Aluminum powder can react with water to release flammable hydrogen gas. In the form of this product, this reaction is not expected.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Scrape up and dispose as solid waste in accordance with state and federal regulations.

SECTION 7. HANDLING AND STORAGE

Store in dry place. Keep container closed when not in use.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION: No special ventilation is required when working with this product.

RESPIRATORY PROTECTION: None.

EYE PROTECTION: Not normally required. However, use chemical safety goggles or faceshield if potential for eye contact exists, especially if material is heated.

HAND/CLOTHING PROTECTION: Not normally required. Protective gloves and clothing are recommended, as material is difficult to remove from skin and clothing.

OTHER PROTECTIVE EQUIPMENT: None.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: Aluminum color, semi-solid material, pleasant odor.

SOLUBLE IN WATER: Negligible.

SPECIFIC GRAVITY: 0.86.

Honeywell

Home and Building Control
Honeywell Limited-Honeywell Limitée
155 Gordon Baker Road
North York, Ontario
M2H 3N7