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**Material Safety Data Sheet
Transmittal Form**

August 14, 2012

Request #: 247493
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PID/VID	Manufacturer ORDERED/Actual	Product Name ORDERED/Actual	UPC	Item
p2636443	/Honeywell International Friction Materials, Inc.	013-00898-000/Heat Conductive Compound		

END OF ORDER DETAIL - Request# 247493



3E Company is North American's leader in hazardous materials information management. 3E simplifies compliance for over 75,000 business locations worldwide. Services include: MSDS on Demand, 3E On-line, Government Disclosures, Hazmat Transportation Services, Emergency Response and Chemical Spill/Exposure Hotlines. For more information call **1-800-360-3220 or 1-760-602-8700 or visit us at www.3ecompany.com**

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Heat Conductive Compound
MSDS ID: DS9021
Synonyms: MS1699
PRODUCT USE: Heat conductive material used to enhance contact and heat transfer in temperature sensor applications.
MANUFACTURER: Honeywell International Inc., 1985 Douglas Drive North, Minneapolis, MN 55422
DATE REVISION: April 15, 2004
Customer Response Center: 800-328-5111
Emergency Telephone Information: 800-707-4555 or 602-365-3099
NFPA Ratings: Health 0; Flammability 1; Reactivity 0

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS#	Percent	PEL	TLV
#2 Lithium Complex Grease (70%):				
Mineral Oil	64742-65-0	35-56	5 mg/m ³	0.2 mg/m ³
Mineral Oil	64742-62-7	14-28	5 mg/m ³	0.2 mg/m ³
Lithium Hydrostearate/Sebacate Complex	68815-49-6	2-11	Not Established	Not Established
Zinc Alkyldithiophosphate	68649-42-3	0-2	Not Established	Not Established
Aluminum Paste (30%):				
Aluminum, as Al	7429-90-5	15-21	15 mg/m ³	10 mg/m ³
Aliphatic Petroleum Distillates	8052-41-3	1-8	400 ppm	100 ppm
Stearic Acid	57-11-4	1-2	--	--
Aromatic Petroleum Distillates	64742-95-6	1-3	Not Established	Not Established
			NIOSH Recommended Exposure Limit 350 mg/m ³	

Additional Information: Part No. 120650 (0.5 oz tube); Part No. 107408 (4 oz can); Part No. 197007 (5 gal container). May also contain minute amounts of lithium and molybdenum lubricant compounds.

SECTION 3. HAZARD IDENTIFICATION

ACUTE HEALTH HAZARD:

Skin: Excessive contact may cause skin irritation and dermatitis.
Eye: Direct contact with eye will cause irritation.
Inhalation: Under intended use, inhalation is unlikely.
Ingestion: Ingestion of product may cause nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARD: Existing skin rash or dermatitis may be aggravated by repeated contact.

OSHA HAZARD CLASSIFICATIONS: None

CARCINOGENICITY: Some jurisdictions consider mineral oil to be a human carcinogen. Evidence for carcinogenicity is based on inhaled oil mist, an unlikely exposure route for this product.

TARGET ORGANS: Skin

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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

SECTION 7. HANDLING AND STORAGE

Store in cool, 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, mild
solvent/grease odor
SOLUBLE IN WATER: Negligible
SPECIFIC GRAVITY: 1.03

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable
REACTIVITY: Hazardous polymerization will not occur
INCOMPATIBILITIES: Strong oxidizing agents and halogens
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide,
aluminum oxide fume

SECTION 11. TOXICOLOGY INFORMATION

Aeromatic Petroleum Distillate has an oral dose LD₅₀ (Rat) of 840 mg/kg
Steric Acid has an oral dose LD₅₀ (Rat) of 4640 mg/kg
Aliphatic Petroleum Distillate inhalation LC₅₀ (Rat) is 8200 mg/m³/8H

SECTION 12. ECOLOGICAL INFORMATION

CHEMICAL FATE INFORMATION: Hydrocarbon components will biodegrade in
soil; relatively persistent in water.

SECTION 13. DISPOSAL CONSIDERATION

Dispose of as solid waste in accordance with Local, State or
Provincial, and Federal regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Not classified as hazardous

SECTION 15. REGULATORY INFORMATION

Section 313 Supplier Notification (United States)
This product contains the following EPCRA section 313 chemicals
subject to the reporting requirements of section 313 of the Emergency
Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

<u>CAS Number</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
7429-90-5	Aluminum	up to 21%
68649-42-3	Zinc Compounds	up to 2%

Ingredients are listed in the U.S. TSCA Inventory. Canada: This
product has been classified in accordance with the hazard criterion
of the CPR and the MSDS contains all the information required by the
CPR.

SECTION 16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied,
except that it is accurate to the best of our knowledge.

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