

HONEYWELL -- HEAT CONDUCTIVE COMPOUND, 197007  
MATERIAL SAFETY DATA SHEET  
HONEYWELLNSN: 803000N020769  
Manufacturer's CAGE: 1D914  
Part No. Indicator: A  
Part Number/Trade Name: HEAT CONDUCTIVE COMPOUND, 197007

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General Information  
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Company's Name: HONEYWELL INC  
Company's Street: 1500 W DUNDEE RD  
Company's City: ARLINGTON HEIGHTS  
Company's State: IL  
Company's Country: US  
Company's Zip Code: 60004  
Company's Emerg Ph #: 312-394-4000  
Company's Info Ph #: 312-394-4000  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 25MAR88  
Safety Data Review Date: 11AUG95  
MSDS Preparer's Name: CHUCK HOFFMAN  
Preparer's Company: SAME  
MSDS Serial Number: BLRPG  
Hazard Characteristic Code: N1

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: ALUMINUM (SARA III)  
Ingredient Sequence Number: 01  
Percent: 30  
NIOSH (RTECS) Number: BD0330000  
CAS Number: 7429-90-5  
OSHA PEL: 15MG/M3 DUST/5 FUME  
ACGIH TLV: 10MG/M3 DUST; 9192

Proprietary: NO  
Ingredient: BENTONITE (GREASE); (MFR SPELLING: BEDTONITE)  
Ingredient Sequence Number: 02  
Percent: 70  
NIOSH (RTECS) Number: CT9450000  
CAS Number: 1302-78-9  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics  
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Appearance And Odor: ALUMINUM COLOR, PLEASANT ODOR.  
Vapor Pressure (MM Hg/70 F): N/A  
Vapor Density (Air=1): N/A  
Specific Gravity: N/A  
Evaporation Rate And Ref: N/A  
Solubility In Water: NEGLIGIBLE  
Percent Volatiles By Volume: N/A

Fire and Explosion Hazard Data

Flash Point: FLUID ONLY 450F  
Flash Point Method: COC  
Extinguishing Media: CO2, DRY CHEMICAL OR FOAM.  
Special Fire Fighting Proc: DO NOT BREATHE FUMES. USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: NOT APPLICABLE

Reactivity Data

Stability: YES  
Cond To Avoid (Stability): OPEN FLAME AND HIGH HEAT.  
Materials To Avoid: STRONG OXIDIZING AGENTS AND HALOGENS.  
Hazardous Decomp Products: CO, CO2.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: NO  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: PROLONGED CONTACT MAY CAUSE SKIN, EYE AND MUCOUS MEMBRANE IRRITATION. THIS PRODUCT IS AN INERT NON-TOXIC GREASE. SKIN IRRITATION HAS NEVER BEEN EXPERIENCED IN OVER 11 YEARS OF PRODUCTION AND PACKAGING.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT.  
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MD ATTENTION. SKIN:RINSE WITH PETROLEUM PRODUCT. WASH WITH SOAP AND WATER. INHAL:NONE. INGEST:OBTAIN MD ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WIPE UP SPILL. PLACE WIPE UP IN CONTAINER FOR DISPOSAL.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Method: FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS IN ANY WASTE DISPOSAL ACTION.  
Precautions-Handling/Storing: DO NOT STORE NEAR OPEN FLAME OR HEAT. AVOID PROLONGED SKIN CONTACT.  
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: NONE REQUIRED.  
Ventilation: NO SPECIAL VENTILATION REQUIRED.  
Protective Gloves: IMPERVIOUS GLOVES (FP N).  
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).  
Other Protective Equipment: PTOTECTIVE CLOTHING IS ADVISABLE BECAUSE MATERIAL IS DIFFICULT TO REMOVE FROM SKIN AND CLOTHING.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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Transportation Data  
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Trans Data Review Date: 92016  
DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
AFI PSN Code: ZZZ  
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
Additional Trans Data: NOT REGULATED FOR TRANSPORTATION  
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Disposal Data  
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Label Data  
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Label Required: YES  
Technical Review Date: 17OCT91  
Label Date: 17OCT91  
Label Status: G  
Common Name: HEAT CONDUCTIVE COMPOUND, 197007  
Chronic Hazard: YES  
Signal Word: CAUTION!  
Acute Health Hazard-None: X  
Contact Hazard-Slight: X  
Fire Hazard-Slight: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: ACUTE:INERT NON-TOXIC GREASE. DO NOT STORE  
NEAR OPEN FLAME OR HEAT. AVOID PROLONGED SKIN CONTACT. CHRONIC:PROLONGED  
CONTACT MAY CAUSE SKIN, EYE AND MUCOUS MEMBRANE IRRITATION.  
Protect Eye: Y  
Protect Skin: Y  
Label Name: HONEYWELL INC  
Label Street: 1500 W DUNDEE RD  
Label City: ARLINGTON HEIGHTS  
Label State: IL  
Label Zip Code: 60004  
Label Country: US  
Label Emergency Number: 312-394-4000