

GENERAL MOTORS CORPORATION MATERIAL SAFETY DATA SHEET

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(P) **HIGH TEMP ANTI-SEIZE COMPOUND**
5613695

SECTION 0 - EFFECTIVE DATE

- 1 ->Effective Date: 122089
- 2 ->MSDS signed by: ROBERT L. O'DELL
- 3 ->Title: TECHNICAL COORDINATOR

SECTION 1 - SHIPPING INFORMATION

- 1 ->Chemical Family: GRAPHITE IN SOLVENTS
 - 2 ->Formula: MIXTURE
(*MID: #500088
ACHESON COLLOIDS CO
OUNS Account #: 00-535-6340
Emergency Telephone #: 313/984-5581
1600 WASHINGTON AVE
P.O. BOX 288
PORT HURON, MI 48060
- Shipping Name: PAINT
Hazard Class: Flammable Liquid
U.N. Code: UN1263
Flash Point: 52F TAG CLOSED CUP

SECTION 2 - INGREDIENTS

CAS#	Formulation	Chemical Name
065997184	20 /30% BY WT	Chemical Substances Manufactured In the Production of Frit
989921535	10 /20% BY WT	METHACRYLATE POLYMER
001330207	< 5% BY WT	Benzene, dimethyl-
00782425	< 5% BY WT	Graphite
007631869	< 5% BY WT	Silica
000108883	< 5% BY WT	Benzene, methyl-
000071963	Trace Amount	1-Butanol
000107982	Trace Amount	2-Propanol, 1-methoxy-
000107415	Trace Amount	2,4-Pentanediol, 2-methyl-
000067630	Balance	2-Propanol

SECTION 3 - PHYSICAL DATA

- 1 ->Boiling Point: NOT DETERMINED.
- 2 ->Specific Gravity: =0.99
- 3 ->Vapor Pressure: Not Provided
- 4 ->% Volatile by Volume: 60-70
- 5 ->% Solid by Weight: 30-40
- 6 ->Vapor Density: NOT DETERMINED.
- 7 ->Evaporation Rate: <1
- 8 ->Solubility in H2O: PARTIAL
- 9 ->pH: NA
- 10 ->Appearance & Odor: BLACK FLUID, SHARP ODOR
- 11 ->State: LIQUID

SECTION 4 - FIRE AND EXPLOSION DATA

- 1 ->Flammable Limits - LEL: NA
- 2 ->Flammable Limits - UEL: NA
- 3 ->Extinguishing Media: FOAM, CO2, DRY CHEMICAL.
- 4 ->Special Fire Fighting Procedures: SELF-CONTAINED BREATHING SUPPLY.
- 5 ->Unusual Fire & Explosion Hazards: KEEP AWAY FROM SPARKS, OPEN FLAMES, OR OTHER SOURCES OF IGNITION.

SECTION 5 - HEALTH HAZARD DATA

- 1 ->Effects of Overexposure: EXCESSIVE INHALATION OF VAPORS OR MISTS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, HEADACHE.
- 2 ->Threshold Limit Value: 400PPM
- 3 ->Permissible Exposure Limit: Not Provided
- 4 ->Other limit: N/A
- 5 ->Primary routes of entry: INHALATION, SKIN CONTACT.
- 6 ->Emergency First Aid Procedures: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION 6 - REACTIVITY DATA

- 1 ->Stable: YES
- 2 ->Conditions to Avoid: OPEN FLAMES, SMOKING WHILE USING.
- 3 ->Incompatible Materials: STRONG OXIDIZERS.
- 4 ->Hazardous Decomposition Products: CO, CO2.
- 5 ->Can Hazardous Polymerization Occur: NO
- 6 ->Conditions to Avoid: NOT APPLICABLE.

SECTION 7 - SPILL OR LEAK PROCEDURES

- 1 ->Steps to be taken in case material is released or spilled: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA; APPLY MATERIAL AND TRANSFER TO CONTAINERS.
- 2 ->Waste Disposal Method: CONSULT WITH FEDERAL, STATE, AND LOCAL WASTE REGULATIONS.
- 3 ->CERCLA (Superfund) Reportable quantity (lbs): NA
- 4 ->RCRA Hazardous Waste No. (40 CFR 261.33): NA
- 5 ->Volatile Organic Compound (VOC) Theoretical: 8.25
- 6 ->Volatile Organic Compound (VOC) Analytical: Not Provided

SECTION 8 - SPECIAL PROTECTION INFORMATION

- 1 ->Respiratory Protection: IF THE TLV OF THE PRODUCT IS EXCEEDED, A MECHANICAL OR SELF-CONTAINED BREATHING APPARATUS IS ADVISED.
- 2 ->Local Exhaust: SUFFICIENT TO MAINTAIN EXPOSURE BELOW TLV(S).
- 3 ->Special: Not Provided
- 4 ->Mechanical: Not Provided
- 5 ->Other: Not Provided
- 6 ->Protective Gloves (Specify type): SOLVENT RESISTANT.
- 7 ->Eye Protection (Specify type): SPLASH GOGGLES.
- 8 ->Other Protective Equipment: NO SPECIAL EQUIPMENT DEEMED NECESSARY UNDER NORMAL USAGE.

SECTION 9 - SPECIAL PRECAUTIONS

- 1 ->Precautions to be taken in Handling & Storage: AVOID PROLONGED INHALATION OF MISTS OR VAPORS.
- 2 ->Other Precautions: Not Provided