

Section 1 - Manufacturer Information

Manufacturer/Distributor IMS Company Emergency Phone # 800-424-9300
10373 Stafford Road Prepared by Safety Advisor
Chagrin Falls, OH 44023-5296 Prepared/Revised February 28, 2007
WEB: <http://www.imscompany.com> Sales: sales@imscompany.com

Trade NamesSilicone Grease

Part Numbers 100585 1 gallon can Replaces AER1-G128-G
100586 5.3 ounce tube Replaces AER1-G053-T
100830 2 ounce tube Replaces STXX-SG2

Hazardous Material Information System

Health 1 Flammability..... 1 Reactivity 0 Protection..... X

* Chronic (Accumulates)

0 Normal use Material	0 Will Not Burn	0 Stable	X = Consult the
1 Slight Hazard (temporary)	1 Possible to Burn	1 Unstable if Heated	MSDS and
2 Health Affected (lengthy)	2 Burns if Heated	2 Violent Chemical Change	your supervisor
3 Extreme Danger	3 Easily Burns	3 Shock and Heat Sensitive	for your special
4 Severe or Fatal	4 Very Easily Burns	4 May Explode	workplace need

NOTE The HMIS may not be enough hazard information for this chemical in all workplaces. The HMIS system requires employee training about the system and about information in this MSDS.

Section 2 - Ingredients

Chemical/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
Silica, Amorphous Fumed	7631-86-9	0.1 to 20	6 mg/m ³	TWA 10 mg/m ³ (2)
Polydimethylsiloxane	63148-62-9	60 to 80	(1)	(1)
Dimethyl Siloxane, hydro-terminated	70131-67-8	0.1 to 10	(1)	(1)

(1) None Established

(2) Total dust

Does this product contain carcinogens (NTP, IARC, or OSHA)? No

Section 3 - Health Data

HEALTH EFFECTS - (Acute and Chronic)

Ingestion low ingestion hazard in normal use. Large amounts may cause digestive discomfort, but no known injury.

Inhalation No significant effects expected from a single short-term exposure.

Eye Direct contact could cause temporary discomfort with mild redness and dryness similar to windburn.

Skin No significant irritation expected from a single short-term exposure.

PRIMARY ROUTES OF ENTRY Inhalation, Skin

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

No known applicable information.

EMERGENCY FIRST AID PROCEDURES

Eye Contact Immediately flush thoroughly with water.

Skin Contact Wipe off and flush with water.

Inhalation No first aid should be needed.

Ingestion No first aid should be needed.

Section 4 - Chemical Data

Boiling Point (F).....	> 95° F (35° C)	Specific Gravity (Water=1)	1.1
Vapor Pressure (PSIG)	NA	Percent Volatile by Weight (%).....	NA
Vapor Density (Air=1).....	NA	Evaporation Rate (Ether).....	NA
Solubility in Water.....	NA	Viscosity	500,000 cSt

Appearance and Odor Information Viscous liquid (paste-like), translucent white, some odor

Section 5 - Physical Data

Flash Point (CC)..... > 214° F (101° C) Flammable Limits

LEL = NA	UEL = NA
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Extinguishing Media Water spray, water fog, carbon dioxide, dry chemical, foam.

Special Fire Fighting Procedures Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep exposed containers cool.

Unusual Fire and Explosion Hazards None known.

Incompatibility (Materials to Avoid) Oxidizing material can cause a reaction.

Hazardous Decomposition Products Silicon Dioxide, Carbon oxides, traces of incompletely burned carbon products, formaldehyde.

NOTICE

This product contains methylpolysiloxanes, which when heated to temperatures above 300° F (150° C), in the presence of air, can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, eye and throat irritant, and an acute toxicant. Vapors irritate eyes, nose, and throat. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA permissible exposure limit for formaldehyde. (Note Product does not contain formaldehyde).

Will Hazardous Polymerization Occur? No

Conditions to Avoid for Polymerization NA

Is the Product Stable? Yes

Conditions to Avoid for Stability NA

Section 6 - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled Small spill and general procedure; remove product and use absorbent material to take care of any oil-like residues. Large and unusual conditions; determine whether to evacuate or isolate the areas according to your local emergency plan. Observe all personal protective equipment recommendations. For large spills, provide diking or other appropriate containment to keep material from spreading. Clean up remaining materials as appropriate since silicone materials, even in small quantities, present a slip hazard.

Final cleaning may require use of steam, solvents, or detergents. Dispose of saturated absorbent or cleaning materials in a sealed container, or totally exposed to air, since spontaneous heating – combustion may occur.

Waste Disposal Methods Not classified as a hazardous waste. If uncontaminated, use as appropriate. If not useable, mix with absorbent materials such as dried clay or absorbent pads, or set out to harden in open air – may take a long time, and send to landfill. Follow local, State and Federal disposal procedures.

Section 7 - Exposure Control Information

Ventilation No local exhaust should be needed. Mechanical (general) ventilation recommended.

Respiratory Protection None should be needed if not sprayed. If sprayed, use appropriated mist respirator. Consult with your safety equipment supplier.

Protective Gloves Where prolonged or repeated contact with the spray mist or the deposited product is likely, the use of impervious gloves (for example neoprene or nitrile) is indicated.

Other Protective Equipment If contact with the material in any manner is likely, eye protection is recommended. Chemical Monogoggles or safety glasses with side shields and a face shield will provide protection in most situations. Do not wear contact lenses.

Other Engineering Controls To determine exposure levels, monitoring should be performed

Work Practices Do not use in confined or closed space. Ventilation should maintain the concentration of the product or its components below the TLV/PEL value.

Hygienic Practices Wash thoroughly before eating or smoking after using this or any chemical product. This product transferred to a lighted cigarette will result in the hazardous decomposition products. It is good practice to remove large amount of any chemical from the skin as soon as practical.

Section 8 - Special Precautions

Precautions to be Taken in Handling and Storage Avoid spreading onto red hot surfaces, which may cause decomposition.

Maintenance Precautions Do not remove or deface label.

Additional Comments

CAUTION Intentional misuse of this chemical product, as with any industrial chemical, in contact with the body can be harmful or fatal. This includes such things as deliberately breathing, placing in mouth, swallowing, placing on skin, or any other body contact, or repeated, or continuous contact.

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