

MATERIAL SAFETY DATA SHEET
(Prepared according to 29 CFR 1910.1200)

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Hitempco	Manufacturer:	GE Inspection Technologies, LLC
Generic Name:	Ultrasonic Couplant	Address:	50 Industrial Park Road
Date Issued:	6/7/93		Lewistown, PA 17044-9344
Reviewed:	11/06	For Information:	(717) 242- 0327

HAZARD RATING

HAZARD	NFPA	HMIS
HEALTH	1	1
FLAMMABILITY	1	1
REACTIVITY	0	0
PPE		A

SECTION 2 MATERIAL IDENTIFICATION AND INFORMATION

Chemical Name	CAS NO.	OSHA PEL mg/m ³	ACGIH TLV mg/m ³	Other Limits Recommended
Silicone Fluid	Proprietary Mixture	-----	-----	-----
Fumed Silica	112945-52-5	-----	*10mg/m ³ Total Dust	-----

*Fumed Silica should not cause a problem as a nuisance dust in Hitempco, as it is in solution.

SECTION 3 PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	>800° F	Specific Gravity: (H ₂ O=1)	approx. 1.1
Vapor Pressure:	NE	Melting Point:	NE
Vapor Density:	NE	Evaporation Rate:	NE
Solubility in Water:	(% by wt) <1%	Water Reactive:	NE
Appearance and Odor:	Clear to white paste, very little odor	pH:	NE

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used:	Open cup >250° F	Auto- Ignition Temp:	NE	Flammability Limits in Air % by Volume:	NE	LEL:	NE	UEL:	NE
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Extinguisher Media:	Dry chemical, foam, CO ₂
Special Fire Fighting Procedures:	SCBA and protective clothing should be used for chemical fires.
Unusual Fire and Explosion Hazards:	None

SECTION 5 REACTIVITY HAZARD DATA

Stability:	Stable <u>Yes</u> . Unstable ____.
Incompatibility (Materials to Avoid):	None Known
Hazardous Decomposition Products:	Silicone dioxide, carbon dioxide, and traces of incompletely burned carbon products.
Hazardous Polymerization:	May Occur _____. Will not Occur <u>Yes</u> .
Conditions to Avoid:	None

SECTION 6 HEALTH HAZARD DATA

Primary Routes of Entry:	Inhalation: <u>No</u> , Ingestion: <u>Not Normally</u> , Skin Absorption: <u>No</u> , Eyes: <u>Not Normally</u> .	Carcinogen Listed in:	NTP __. OSHA __. IARC __. Not Listed <u>X</u>
Health Hazards:	Acute: May cause temporary eye irritation. Chronic: None expected.		

Emergency First Aid Procedures-- If necessary, seek medical assistance for further treatment, observation, and support.

Eye Contact:	Flush with water for 15 minutes.
Skin Contact:	Wash affected areas with water.
Inhalation:	NA
Ingestion:	If large quantities are swallowed, call a Physician.

SECTION 7 CONTROL AND PROTECTIVE MEASURES

Respiratory Protection:	Not required.
Protective Gloves:	May be required if allergic to above ingredients.
Eye Protection:	Proper eye protection should be worn in any industrial operation
Ventilation:	Not required.
Other Protective Equipment:	Not required.

SECTION 8 STORAGE AND HANDLING INFORMATION

If Material is Spilled or Released:	Pick up excess for disposal, clean with water.
Waste Disposal Methods:	Dispose of in accordance with Federal, State and Local Regulations.
Precaution to be Taken in Handling and Storage:	Store at room temperature.
Other Precautions and/or Hazards:	None.

NE = Not Established	NA = Not Applicable
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