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

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Hitempco	Manufacturer:	Krautkramer Branson
Generic Name:	Ultrasonic Couplant	Address:	50 Industrial Park Road
Date Issued:	6/7/93		Lewistown, PA 17044-9344
Reviewed:	4/21/99	For Information:	(717) 242- 0327

HAZARD RATING

HAZARD	NFPA	HMIS
HEALTH	NA	NA
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

To the best of our knowledge, the information contained herein is accurate. Krautkramer Branson, however, assumes no liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.