

Manufactured By:



35 Old Dock Road, Yaphank, NY 11980
Phone: (631) 345-6509 Fax: (631) 775-4023
www.timtronics.com

Package For/Supply By:



33 Bridge Street, Pelham, NH 03076
Phone: (603) 635-2800 Fax: (603) 635-1900
www.wakefield.com

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name: **TIM-517**
Product Number: **Wakefield 120 Series**
Product Type: **Thermal Joint Compound**

II. COMPOSITION

Ingredients	%
Zinc Oxide*	>60
Silicone Fluid	>20

*This component is listed as a SARA Section 313 Toxic Chemical.

*Material in non-airborne form.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure:	Unknown
Vapor Density:	Unknown
Solubility in Water:	Slight
Specific Gravity:	2.2
Boiling Point:	>400°F
Volatile Organic Compound (EPA Method 24)	No Data
Evaporation Rate (Ether = 1)	<1
Appearance:	White paste
pH:	
Odor:	Mild Odor

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point:	>400°F	Method: COP
Estimated NFPA Code:		
Fire Hazard:	1	
Reactivity Hazard:	0	
Specific Hazard:	Does not apply	
Estimated HMIS Code:		
Health Hazard:	1	
Flammability Hazard:	1	
Reactivity Hazard:	0	
Personal Protection:	Does not apply	
Explosive Limits:		
(% by volume in air) Lower	DNA	
(% by volume in air) Upper	DNA	
Recommended Extinguishing Agents:	CO2, Foam, Dry Chemical	
Hazardous Products Formed by Fire		
Or Thermal Decomp:	CO or CO2	
Unusual Fire or Explosion Hazards:	None	
Compressed Gases:		
Pressure at Room Temp:		

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V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Scrape up as much as possible. Residues may be cleaned with solvent. Store in closed container until disposal.
Recommended methods of disposal: Landfill or incinerate following EPA and Local regulation.

VI. STORAGE AND HANDLING PROCEDURES

Storage: Keep container closed. Store in a cool area; away from ignition sources and oxidizers.
Handling: Avoid prolonged skin contact.

VII. SHIPPING REGULATIONS

DOT (49 CFR 172)
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None

IATA
Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

IMO
Substance: NA
Marine Pollutant Status: NA
Class: NA
Subsidiary Risk: NA
IMDG Code Page: NA
UN Number: NA

VIII. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products (Non-thermal): None
Incompatibility: None

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion: Do NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Remove to fresh air.
Skin Contact: Wash with soap and water and flush for at least 15 minutes with water. Obtain medical attention.
Eye Contact: Wash with water and flush for at least 15 minutes with water. Obtain medical attention.

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TIMTRONICS
THERMAL INTERFACE MATERIALS

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X. PERSONAL PROTECTION

Eyes: Safety glasses or goggles
Skin: Impermeable rubber or plastic gloves.
Ventilation: Not normally needed

XI. HEALTH HAZARD DATA

Component Animal Toxicology:
Oral LD50 value: No data
Dermal LD50 value: No data
Inhalation LC50 value: No data
Product Animal Toxicity No data

Skin Irritation:

This material is expected to be slightly irritating to the skin and mucous membranes.

Eye Irritation:

This material is expected to be irritating.

Reproductive and Developmental Toxicity:

No reproductive or developmental risk to humans is expected from exposure to this product.

Component Data:

All data refer to finished product.

Mutagenicity:

Not known or reported to be mutagenic.

Carcinogenicity:

This chemical is not known or reported to be carcinogenic by any reference source including IARC, EPA, OSHA, NTP, or ACGIH.

XII. PREPARATION INFORMATION

Prepared by: Prakash Khatri
Title: Technical Director
Revision: 01/06

NOTICE

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