

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-518**  
Product Number: **Wakefield 122 Series**  
Product Type: **High Performance Thermal Joint Compound**

II. COMPOSITION

Ingredients	%
Zinc Oxide*	>10
Silicone Fluid	>10
Proprietary fillers	>60

\*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:	Gray 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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Product Type: **High Performance Thermal Joint Compound**

**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: 06/06

**NOTICE**

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