



Product Name: TP500

MSDS Number: 073

Material Safety Data Sheet (MSDS)

Manufacturer's Name: Shenzhen Aochuan Technology Co., Ltd.
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Date of Preparation: August 2013

Emergency Telephone Number
*** (0755) 29765775***

Information Telephone Number
*** (0755) 29765771***

Section 1: Product Identification

Product Name: T P 5 0 0

Synonym: Thermally Conductive Silicone Sheet

Chemical Family: Silicone Polymer

Formula: Mixture

Section 2: Composition Information

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. The MSDS should be retained and available for employees and other users of the product.

Section 3: Hazards Identification

Potential Health Effects:

Ingestion: Low ingestion hazard with normal use.

Skin: Prolonged contact may cause irritation.

Inhalation: At room temperature, exposure is not likely due to physical properties; higher temperatures may cause vapor levels sufficient to cause irritation.

Eyes: Direct contact may cause temporary redness and discomfort.

Medical Conditions Aggravated: None known

Subchronic Effects: None known

Chronic Effects/Carcinogenicity: This product contains no carcinogens or suspected carcinogens, in concentrations of 0.1% or greater, as defined by OSHA, ACGIH, NTP, and IARC.

Section 4: First Aid Measures

Ingestion: Get medical attention. Do not induce vomiting unless large amounts are ingested or medical attention is not immediately available.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air if effects occur.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Section 5: Fire Fighting Measures

Flammable Properties:

Flash Point: Not applicable to solids

Flammable Limits: LFL: Not Applicable

UFL: Not Applicable

Sensitivity to Static Discharge: Not expected

Extinguishing Media: Standard fire fighting media

Fire & Explosion Hazards: None known

Special Firefighting Procedures: Fire fighting personnel should wear positive self-contained breathing apparatus for protection from decomposition products such as carbon monoxide.

Section 6: Accidental Release Measures

Sweep up material and dispose of material in accordance with federal, state, and local regulations.

Section 7: Handling and Storage

No special handling procedures required.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: General room ventilation is expected to be satisfactory of storage and handling at normal temperatures, Special, local ventilation may be needed where high temperatures are encountered.

Personal Protective Equipment (PPE): No special protection needed.

General Hygiene Considerations: Wash hands thoroughly after handling and before eating or drinking.

Exposure Guidelines: Not Available

Section 9: Physical/ Chemical Properties

Boiling Point: Not applicable

Density: 2.0g/cc

Solubility in Water: Not applicable

Vapor Density: Not applicable (Air=1)

Appearance: White/Pink Sheet

Vapor Pressure: Not applicable mm Hg@25°C

Evaporation Rate: Not applicable

Physical State: Solid

Odor: Odorless

Section 10: Stability and Reactivity

Stability: Stable.

Conditions to Avoid: Strong oxidizing materials and bases.

Materials to Avoid: Strong oxidizing materials and bases.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and silicon dioxide.

Section 11: Toxicological Information

No toxicological information has been found for this material.

Section 12: Ecological Information

No specific ecological data for this material is available. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Waste Disposal

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

Section 14: Transport Information

DOT Shipping Name: None
DOT Hazard Class: None
DOT Label(s): None
UN/NA Number: None
IATA: None
IMO-IMDG Code: None

Section 15 : Regulatory Information

SARA Section 302: Not listed
SARA Section 311,312: Not listed
SARA Section 313: Not listed

Section 16 : Other Information

NOTICE: The information herein is based on data considered to be accurate of preparation. No warranty is made as to the accuracy or completeness of the foregoing data and safety information. No responsibility can be assumed by vendor for damage or injury resulting from abnormal use, form any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

AOK MSDSs are available at <http://www.aok-technology.com>