

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Section 1: Identification of the substance/mixture and of the company

1.1 Product Identifier

Commercial Name:	ARCTIC TP-2	
Part No. / UPC / EAN:	ACTPD00001A	ACTPD00002A
	ACTPD00003A	ACTPD00004A
	ACTPD00005A	ACTPD00006A
	ACTPD00007A	ACTPD00008A
	ACTPD00009A	ACTPD00010A
	ACTPD00011A	ACTPD00012A
	ACTPD00013A	ACTPD00014A
	ACTPD00015A	ACTPD00016A
	ACTPD00017A	ACTPD00018A

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance or mixture:	Thermal interface material for Electrical industry and electronics
Uses advised against:	None known

1.3 Details of the Supplier of the Safety Data Sheet

Company: ARCTIC (HK) Ltd.
Unit 1302-05, The Octagon
6 Sha Tsui Road
Tsuen Wan, New Territories
Hong Kong

Email address: info@arctic.ac

1.4 Emergency telephone Number

English	Tel:	+49 611237507
German	Tel :	+49 611237500

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Product is considered non-hazardous under normal and expected usage.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008

Not a hazardous substance or mixture

2.3 Other hazards

None Known

Section 3: Composition/information on Ingredients

Chemical characterization: Thermal Conductive Silicone Elastomer

Name	CAS-No.	EINECS/ ELINCS No.	REACH Reg. No.	Conc. (% w/w)	Classification
Methyl Silicone	63148-62-9			15%	
Aluminum Oxide	1344-28-1			85%	

For the full text of the H-Statements mentioned in this Section, see Section 16.

CLP classifications are based on all current available data including from known international organizations. These classifications are subject to revision as more information becomes available.

Section 4: First aid measures

4.1 Description of first aid measures

If inhaled: Remove to fresh air, keep patient warm and at rest.

In case of skin contact: Wash with water and soap to remove residues.

In case of eye contact: Flush with water.

If swallowed: Obtain immediate medical attention.
Keep at rest.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None known.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

- Water Fog
- Foam
- Carbon Dioxide (CO₂)
- Dry Chemicals

Unsuitable Extinguishing media : None known

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: None.

Hazardous combustion products: None known.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Specific extinguishing methods: Use water spray to keep fire exposed containers cool.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid eye contact

6.2 Environmental precautions

Move out all flammable materials.

6.3 Methods and materials for containment and cleaning up

Wipe up or scrape up and contain for salvage or disposal.

Section 7: Handling and Storage

7.1 Advice on safe handling

Avoid eye contact.
Use with adequate ventilation.

7.2 Advice on storage

Store away from tinder.

7.3 Specific uses

Refer to technical data sheet available on request.

Section 8: Exposure Controls / Personal Protection

8.1 Control parameters

Name	CAS-No	Exposure Limits

8.2 Exposure controls

Engineering Controls : Ventilation : Refer to Section 7.1

Personal protection equipment

Respiratory protection : None should be needed.

Hand protection : None should be needed.

Eye/face protection : None should be needed.

Skin protection : Washing at mealtime and end of shift is adequate.

Hygiene measures : Food forbidden, wash hands after work, keep good management of storage.

Environmental exposure controls

Refer to section 6 and 12.

Section 9: Physical and Chemical Properties

Form :	Pad
Colour :	Blue
Odour :	Flavorless
pH:	N/A
Solubility in water:	N/A
Boiling Point:	N/A
Flash Point:	Non-flammable
Vapor Pressure:	N/A
Vapor Density:	N/A
Specific Gravity:	3.2 g/cc
Flammability Limits in Air:	N/A
Auto-ignition Temperature:	N/A
Continuous Use Temperature Range:	-40~200°C

The above information is not intended for use in preparing product specifications. Contact ARCTIC before writing specifications.

Section 10: Stability and Reactivity

10.1 Stability :

Stable under normal usage conditions.

10.2 Conditions to avoid :

None established.

10.3 Hazardous decomposition products

Carbon oxides, traces of incompletely burned compounds, and silicone dioxide.

Section 11: Toxicological Information

11.1 Acute toxicity:

None known.

11.2 Chronic

None known.

11.3 Local Effects

None known.

Section 12: Ecological Information

12.1 Ecotoxicity effects

None.

12.2 Persistence and degradability

None known

12.3 Bioaccumulation

None known.

12.4 Release to waters / Mobility in soil

None known.

Section 13: Disposal Considerations

Product and packaging disposal

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Section 14: Transport Information

Road / Rail (ADR/RID)

Not subject to ADR/RID.

Sea transport (IMDG)

Not subject to IMDG code.

Air transport (IATA)

Not subject to IATA regulations.

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None.

Section 16: Other Information

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the ARCTIC product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the ARCTIC Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH Regulation.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. ARCTIC shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.



As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local ARCTIC supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements.

Should you have any question, please refer to your local ARCTIC supplier.

Source of information: Internal data and publically available information