

## MATERIAL SAFETY DATA SHEET SILICONE HEAT TRANSFER COMPOUND PLUS

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** SILICONE HEAT TRANSFER COMPOUND PLUS  
**PRODUCT NO.** HTSP50T [EHTSP50T]  
**APPLICATION** Grease  
**SUPPLIER** H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
TEL: 02 9938 1566  
FAX: 02 9938 1467  
GENERAL MANAGER  
**EMERGENCY TELEPHONE** Tel: 029938 1566 between 8.30am and 5.00pm EST  
**PROPER SHIPPING NAME** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC OXIDE)

### 2 HAZARDS IDENTIFICATION

**RISK PHRASES**

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES**

S57 Use appropriate containment to avoid environmental contamination.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

**ENVIRONMENT**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Use appropriate containment to avoid environmental contamination. Avoid release to the environment. Refer to special instructions/safety data sheets. Dispose of waste and residues in accordance with local authority requirements.

**STATEMENT OF HAZARDOUS NATURE**

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

**DG CLASS**

Class 9: Miscellaneous dangerous substances and articles.

**PACKING GROUP** III  
**UN NO.** 3077  
**HAZCHEM CODE** 2Z

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (NOHSC: 2011)
Aluminium Oxide	215-691-6	1344-28-1	60-80%	-
ZINC OXIDE	215-222-5	1314-13-2	10-30%	N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

**COMPOSITION COMMENTS**

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels Ingredients are registered on AICS

### 4 FIRST-AID MEASURES

## SILICONE HEAT TRANSFER COMPOUND PLUS

### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention.

### SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

HAZCHEM CODE 2Z

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
Aluminium Oxide		10 mg/m3		

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide sufficient ventilation during operations which cause vapour formation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Paste

### SILICONE HEAT TRANSFER COMPOUND PLUS

<b>COLOUR</b>	White Grey		
<b>ODOUR</b>	No characteristic odour.		
<b>SOLUBILITY</b>	Insoluble in water		
<b>RELATIVE DENSITY</b>	2.86 @ 20 °C (68 F)	<b>FLASH POINT (°C)</b>	> 300 (572 F) CC (Closed cup).

#### 10 STABILITY AND REACTIVITY

##### STABILITY

Stable under normal temperature conditions.

##### CONDITIONS TO AVOID

Not known.

#### 11 TOXICOLOGICAL INFORMATION

##### TOXICOLOGICAL INFORMATION

No information available. There is no data on the product itself.

##### INGESTION

May cause stomach pain or vomiting.

##### HEALTH WARNINGS

No specific health warnings noted.

No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

##### OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

#### 12 ECOLOGICAL INFORMATION

##### ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

##### WATER HAZARD CLASSIFICATION

WGK 2

#### 13 DISPOSAL CONSIDERATIONS

##### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

#### 14 TRANSPORT INFORMATION



<b>PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC OXIDE)		
<b>UDF Phrase 1</b>	Class 9 Environmentally Hazardous substance		
	Class 9 Environmentally Hazardous substance		
<b>UN NO.</b>	3077	<b>ADG CLASS NO.</b>	9
<b>DG CLASS</b>	Class 9: Miscellaneous dangerous substances and articles.	<b>PACKING GROUP</b>	III
<b>TUNNEL RESTRICTION CODE</b>	(E)	<b>ADG LABEL NO.</b>	9
<b>HAZCHEM CODE</b>	ZZ	<b>UN NO. SEA</b>	3077
<b>IMDG CLASS</b>	9	<b>IMDG PACK GR.</b>	III
<b>EMS</b>	F-A, S-F	<b>MFAG</b>	See Guide
<b>MARINE POLLUTANT</b>	N/A.	<b>UN NO. AIR</b>	3077

### SILICONE HEAT TRANSFER COMPOUND PLUS

AIR CLASS 9 AIR PACK GR. III

## 15 REGULATORY INFORMATION

### LABELLING



Dangerous for the environment

### RISK PHRASES

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### SAFETY PHRASES

S57 Use appropriate containment to avoid environmental contamination.  
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POISONS SCHEDULE NUMBER NONE

### NATIONAL REGULATIONS AND REFERENCES

- National Model Regulations for the Control of Workplace Hazardous Substances.
- National Code of Practice for the Control of Workplace Hazardous Substances.
- National Code of Practice for the Labelling of Workplace Substances.
- National Code of Practice for the Preparation of Material Safety Data Sheets.
- Approved Criteria for Classifying Hazardous Substances.
- Exposure Standards for Atmospheric Contaminants in the Occupational Environment.
- Australian Dangerous Goods Code. The Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

## 16 OTHER INFORMATION

### ISSUED BY

Helen O'Reilly

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### GENERATED

SDS NO. 10511

### RISK PHRASES IN FULL

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.