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

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

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
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Aluminium Oxide</td>
<td>10 mg/m3</td>
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</table>

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

COLOUR: White Grey
ODOUR: No characteristic odour.
SOLUBILITY: Insoluble in water
RELATIVE DENSITY: 2.86 @ 20 °C (68 F)
FLASH POINT (°C): > 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

PROPER SHIPPING NAME
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC OXIDE)
UDF Phrase 1
Class 9 Environmentally Hazardous substance

Class 9 Environmentally Hazardous substance
UN NO. 3077
DG CLASS Class 9: Miscellaneous dangerous substances and articles.
TUNNEL RESTRICTION CODE (E)
HAZCHEM CODE 2Z
IMDG CLASS 9
EMS F-A, S-F
MARINE POLLUTANT N/A.
ADG CLASS NO. 9
PACKING GROUP III
ADG LABEL NO. 9
UN NO. SEA 3077
IMDG PACK GR. III
MFAG See Guide
UN NO. AIR 3077
SILICONE HEAT TRANSFER COMPOUND PLUS

AIR CLASS 9  
AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING

Dangerous for the environment

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.

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.

16 OTHER INFORMATION

ISSUED BY
Helen O'Reilly

REVISON DATE NOVEMBER 2010

REV. NO./REPL. SDS 4

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.