

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND

THE COMPANY / UNDERTAKING.

Product Name: Unick Silicone Heat Transfer Compound
Product Code: UH-102
Supplier: Unick Chemical Corp.
P.O. Box 53-251 , Taipei , R.O.C.

2. COMPOSITION / INFORMATION ON INGREDIENTS

(1) Dimethyl Polysiloxane	30%
(2) Zinc Oxide	65%
(3) Submicroscopic Pyrogenic Silica	3%
(4) Stabilizer	2%

The product does not contain "Solvent". There is no safety concern.

3. HAZARDS IDENTIFICATION

Prolonged skin contact someone may cause skin irritation and / or dermatitis.

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Skin Contact: Wash off with soap and plenty of water.
Eye Contact: Flush eye(s) immediately with plenty of water if eye irritation persists, consult a specialist.
Ingestion: Clean mouth with water and drink afterwards plenty of water.
Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with waterspray, dry chemical or alcohol foam

Extinguishing media which must not be used for safety reasons.

6. ACCIDENTAL RELEASE MEASURES.

Personal precautions:	Wear personal protective equipment
Environmental precautions:	Do not flush into surface water
Methods for cleaning up:	Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust) After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling: When using, do not eat, drink, or smoke. Avoid contact with the skin and the eyes.

Storage: Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment:

*Respiratory protection:	No personal respiratory protective equipment normally required.
*Hand protection:	not required under normal use
*Eye protection:	not required under normal use
*Skin and body protection:	not required under normal use
Hygiene measures:	When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste	(*as base oil)	
Color:	White		
Odour:	none		
Boiling point/range:		* >230	* C
Melting point/range:		1600	* C
Flash point:		* 200	* C
Autoignition temperature:		* 425	* C
Vapour pressure:		* >2	hPa
Relative density:	(20 ° C)	>=2.1	
Solubility:			
Water solubility		insoluble	g/l)

10. **STABILITY AND REACTIVITY**

Stability:	Stable
Conditions to avoid:	None reasonably foreseeable
Materials to avoid:	Strong acids
Hazardous decomposition products:	No decomposition if stored and applied as directed

11. **TOXICOLOGICAL INFORMATION**

Acute toxicity:	No hazards deemed to be of major importance.
Local effects:	Prolonged skin contact may defat the skin and produce dermatitis.
Sensitization:	No hazards deemed to be of major importance.
Long term toxicity:	Did not show carcinogenic, taratogenic or mutagenic effects in animal experiments
Chronic toxicity:	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

12. **ECOLOGICAL INFORMATION**

Mobility:	
Persistence and degradability:	Readily biodegradable ,according to appropriate OECD test
Bioaccumulation:	Not applicable
Ecotoxicity affects:	Not applicable

13. **DISPOSAL CONSIDERATIONS**

Waste from residues / unused products: Flush into sewer with plenty of water. Do not contaminate ponds, waterways or ditches with chemical or used container
Contaminated packaging: Can be offered for recycling, re-conditioning or puncture

14. **TRANSPORT INFORMATION**

Proper shipping name	Not classified as dangerous in the meaning of transport regulations
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