

WLP10G / WLP150G

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**Unick Chemical Corp.**  
16F-2, 656, Chun-Jih Rd, Taoyuan, Taiwan, 330

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND

#### THE COMPANY / UNDERTAKING.

Product Name: Unick Silicone Heat Transfer Compound  
Supplier: Unick Chemical Corp.

### 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.

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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

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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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