

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.

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: Comply with IATA. Not classified as dangerous in the meaning of transport regulations

15. **Regulatory INFORMATION**

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

National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

16. **Other INFORMATION**

Training advice

Read and follow manufacturer's recommendations. Only trained personnel should use this material.

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