

## MATERIAL SAFETY DATA SHEET

Issue date 1/4/2024

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: Silicone Component  
Trade Name: Doroplus (R)540TA white  
Manufacturer/Supplier: Shenzhen Enkype` Technology Co., Ltd.  
Address: 303, building D, Xinwei Third industrial district, Longhua new district, Shenzhen , China, 518010  
Phone Number: (+86) 755 23024680  
Fax Number: (+86) 755 23024681

### 2. OSHA HAZARDOUS COMPONENTS

Component Name	Wt %	CAS Number
Dimethyl siloxane, hydroxyl-terminated	>27	70131-67-8
Trimethylated silica	2-6.7	68909-20-6
Methyltrimethoxysilane	2-4.3	1185-55-3
Enk03	60	37305-87-6

### 3. HAZARD IDENTIFICATION

Methyl alcohol forms on contact with water or humid air. Use with adequate ventilation.

Product evolves flammable methyl alcohol when exposed to water or humid air. Avoid eye contact. Avoid breathing vapour. Keep container closed. Do not take internally. Use reasonable care and store away from oxidizing materials. Keep in dry and cool place.

#### Acute Effects

##### Eye:

Direct contact may cause mild irritation.

##### Skin:

No significant irritation expected from a single short-term exposure.

##### Inhalation:

Vapour may irritate nose and throat. Vapour overexposure may cause drowsiness.

##### Oral:

Low ingestion hazard in normal use.

#### Prolonged/Repeated Exposure Effects

##### Skin:

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Repeated or prolonged exposure may cause irritation.

Inhalation:

Product generates methyl alcohol which may cause blindness and damage to nervous system.

Oral:

Product generates methyl alcohol which may cause blindness and possibly death if swallowed.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product.

### 4. FIRST AID MEASURES

Volatile by-product released during polymerization may cause irritation to respiratory system.

Eye: Immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Skin: Wipe off with cloth and wash with soap.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Oral: Get medical attention.

Comments: Treat according to person's condition and specifics of exposure.

### 5. FIRE FIGHTING MEASURES

No unusual fire hazards.

Flash point is greater than 100°C (CC).

If product is involved in fire extinguish with dry powder, foam or carbon dioxide. Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Metal oxides. Nitrogen oxides.

### 6. ACCIDENTAL RELEASE MEASURES

Determine whether to evacuate or isolate the area according to your local emergency plan.

Silicones release by products in contact with moisture, which are irritating to eyes and respiratory system. Wash spillage site thoroughly with soap and water or detergent solution.

Clean area as appropriate since spilled materials, even in small quantities, may present a slip

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hazard.

### 7. HANDLING AND STORAGE

Use with adequate ventilation. Product evolves flammable methyl alcohol when exposed to water or humid air. Use air-supplied or self-contained breathing apparatus. Avoid eye contact. Avoid breathing vapour. Keep container closed. Do not take internally.

Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame. Keep container closed and store away from water or moisture.

Use reasonable care and store away from oxidizing materials.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Good industrial hygiene practices should be observed. Good ventilation is required.

In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent material) is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid
Color	White
Odor	Mild
pH	N/A
Boiling range (°C)	Does not apply, Polymeric Material
Flash point (CC) (°C)	Not determined.
Specific Gravity	2.1
Solubility in Water	Insoluble
Solubility in Acetone	Partially soluble
Vapour Pressure (mmHg@25°C)	Not determined.
Explosion Limits (%)	N/A

### 10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use. Polymerization will occur in the presence of moisture.

### 11. TOXICOLOGICAL INFORMATION

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- Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided. Vapour may irritate nose and throat. Vapour overexposure may cause drowsiness. Product generates methyl alcohol, which may cause blindness and damage to nervous system.
- Skin: Washing at mealtime and end of shift is adequate.
- Eyes: Use proper protection - safety glasses as a minimum.
- Ingestion: Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may injure internally. Product generates methyl alcohol, which may cause blindness and possibly death if swallowed.

### 12. ECOLOGICAL INFORMATION

Keep away from drains and open waters.  
Cured products are typical polymers and do not pose any immediate environmental hazards. Biological and Chemical Oxygen Demands (BOD and COD) of cured products are insignificant.

### 13. DISPOSAL CONSIDERATIONS

After use, tubes, cartons and bottles containing residual product should be disposed of as "chemically contaminated waste" in an authorized legal land fill site or incinerated.  
Dispose of in accordance with local and national regulations.  
Contribution of this product to waste is very insignificant in comparison to article in which it is used.

### 14. TRANSPORT INFORMATION

Air (IATA):	Not subject to IATA regulations.
Sea (IMDG):	Not subject to IMDG code.
Road (ADR)/Railway (RAD):	Not subject to DOT regulations.

### 15. REGULATORY INFORMATION

CA Proposition 65: No known applicable information.

### 16. OTHER INFORMATION

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DISCLAIMER: These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.