



# SAFETY DATA SHEET

## HUNTEX SI-T14

Version 1.0  
Revision date: 25/9/2019  
Print Date: 25/9/2019

### 1. Identification of the substance/ mixture and of the company/ undertaking

#### 1.1. Product identifier

Trade name : HUNTEX SI-T14

Chemical Name : Silicone emulsion

#### 1.2. Recommended use of the chemical and restrictions on use

Recommended use : Textile auxiliary.

Non-recommended : none known.

#### 1.3. Details of the supplier of the safety data sheet

Company : HUNG XUONG CHEMICAL CO., LTD.

Telephone : +84 272 377 8055/56

Telefax : +84 272 377 80

E-mail : info@hungxuong.com

#### 1.4. Emergency telephone number

Emergency : +84 272 377 8055

Information :

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

**GHS Classification and classification according to Regulation on classification and labeling of chemicals - Number 04/2012/TT-BCT.**

Acute toxicity-Inhalation : Category 4.

Skin corrosion/irritation : Category 2.

Serious eye damage/eye irritation: Category 2A.

#### 2.2. Label elements

##### GHS Label element



Hazard pictograms :

Signal word : WARNING

Hazard statement :

H332- Harmful if inhaled.

H315- Causes skin irritation.

H319- Causes serious eye irritation.

##### Precautionary statement:

Prevention :

P261- Avoid breathing dust/fume/gas/mist/vapors/spray.

P271- Use only outdoors or in a well-ventilated area.

P264- Wash hands thoroughly after handling.

P280- Wear protective gloves/protective clothing/eye protection/face protection.

Response :

P304 + P340- IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.



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P312- Call a POISON CENTER or doctor/physician if you feel unwell.  
P302 + P352- IF ON SKIN Wash with plenty of soap and water.  
P332+P313- If skin irritation occurs. Get medical advice/ attention.  
P362 + P364 - Take off contaminated clothing and wash before reuse.

P305+P351+P338 – If in eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313- If eye irritation persist –Get medical advice/ attention.

Storage : No special measures required.

Disposal :  
No special measures required.

### 2.3. Other hazards

None known

## 3. Composition/information on ingredients

### 3.1. Substance

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### 3.2. Mixture

Information on ingredients / Hazardous components

Chemical Name	CAS-No	Concentration (%)	Classification GHS
Dimethyl, (Aminoethylamino propyl)methyl Siloxane, Trimethylsiloxy-terminated	71750-79-3	30	Skin Irrit.2, H315. Eye Irrit.2A, H319. (Refer to SDS of Supplier)
2-((1-((2-ethylhexyl)polyoxy)poly-propan-2-yl)oxy)ethanol	64366-70-7	20	Acute Tox- Inhal.4, H332 Eye Irrit.2, H319. Aquatic chronic 3, H412 ( Refer to <a href="https://echa.europa.eu/substance-information/-/substanceinfo/100.122.464">https://echa.europa.eu/substance-information/-/substanceinfo/100.122.464</a> )



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Acetic Acid	64-19-7	0.4	Flam. Liq.3, H226. Skin Corr/Irrit.1A, H314. ( Refer to ECHA.com )

#### 4. First aid measures

##### 4.1. Description of first aid measures

- General advice : If medical advice is needed, provide SDS document to physician.
- Inhalation : Remove the victim from exposure or move to well- ventilated area.  
If there is difficulty in breathing, medical advice is required.
- Skin contact : After contact with skin, wash with plenty of soap and water.  
Remove contaminated clothing, shoes and leather accessories.
- Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ingestion : In case of swallowing, rinse mouth, drink plenty of water. If feel unwell, seek medical advice.

##### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms : no special hints

##### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5. Fire-fighting measures

##### 5.1. Extinguishing media

Suitable extinguishing media : fine water spray, foam, dry powder, CO<sub>2</sub>

Unsuitable extinguishing media : no data available.

##### 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: carbon monoxide, carbon dioxide, silicon dioxide, nitrogen oxides.

##### 5.3. Advice for firefighters

On burning, fire fighter should wear self-contained breathing apparatus if risk of exposure to product of combustion.

#### 6. Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not touch or walk through spilled material.

##### 6.2. Environmental precautions

Take up and fill into a closable container. Prevent run off into drains and waterways.



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### 6.3. Methods and material for containment and cleaning up

Take up liquid spill into absorbent material, eg: soil, sand and other non-flammable absorbent material.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : wear protective equipment when working.

Hygiene measures : Do not eat, drink or smoke when working. Wash hands before breaks and after work.

General protective measures : Do not inhale gases/ vapors/ aerosols. Avoid contact with eyes and skin.

### 7.2. Condition for safe storage, including any incompatibilities

#### Prevention of fire and explosion

Information : keep away from sources of ignition

#### Storage

Information : none

Further Information on storage conditions:

Keep container tightly closed and store in a cool, dry well- ventilated location. Store away from strong oxidizing agents. Check regularly for leaks.

## 8. Exposure controls / Personal protection

### 8.1. Control parameters

Exposure limit(s)

Ingredient	CAS-No	Value type (From of exposure; Expressed as)	Occupational exposure limit
Acetic Acid	64-19-7	TWA	10ppm (ml/ m3) or 25 mg/m3.

### 8.2. Exposure controls

Appropriate engineering controls : operate in well- ventilated area.

Personal protective equipment

Eye protection : wear safety goggles.

Hand protection : protective gloves.

Body protection : protective working clothes and safety shoes.

Respiratory protection : wear respirator



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### 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state or appearance: Viscous liquid

Color : colorless.

Odor : slight amine.

Odor Threshold : no data available.

pH of 1% liquid (25°C) : 4-6

Melting point : no data available.

Boiling point : no data available.

Flash point : > 95°C

Evaporation rate : no data available.

Flammability : no data available.

Upper Explosion/Ignition limit: no data available.

Lower explosion limit : no data available.

Vapor pressure : no data available.

Relative vapor : no data available.

Relative density : no data available.

Solubility : soluble in water.

Partition coefficient : no data available.

(n-octanol/water)

Autoignition : no data available.  
temperature

Thermal : no data available.  
decomposition

Viscosity, kinematic : no data available.

Viscosity, Dynamic : no data available.

Oxidizing properties : no data available.

#### 9.2. Other Information

Density :  $\approx 1.0 \text{ g/cm}^3$  (25°C)

Metal corrosion : no data available.

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### 10. Stability and reactivity

#### 10.1. Reactivity

Stable in normal room temperature.

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known

#### 10.4. Conditions to avoid

No special recommendations.

#### 10.5. Incompatible materials

Avoid contact with strong acids, strong bases and oxidizing agents.

#### 10.6. Hazardous decomposition products



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This product can form formaldehyde vapor when heated to temperatures above 150 degree C in the presence of air.

Carbon dioxide, carbon monoxide, other toxic gases or vapors and amorphous silica may form when heated to decomposition.

### 11. Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : not classified.

Acute toxicity : Harmful if inhaled.  
(inhalation)

Acute toxicity (dermal) : not classified

Irritation/corrosion : Causes skin irritation.  
of the skin

Serious eye damage/ : Causes serious eye irritation.  
eye irritation

Repeated dose toxicity : not classified.

#### CMR assessment

Carcinogenicity : not classified

Mutagenicity : not classified.

Teratogenicity : not classified.

Toxicity to reproduction: not classified.

Specific Target Organ : not classified.

Toxicity-single exposure

Specific Target Organ : not classified.

Toxicity-Repeated exposure

Aspiration hazard : not classified.

### 12. Ecological information

#### 12.1. Ecotoxicity

Not classified.

#### 12.2. Persistence and degradability

Biodegradability (BOD5/ COD): 42%

Biochemical oxygen demand (BOD5): 257 mg/g

Chemical oxygen demand (COD): 611 mg/g.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Other adverse effects

No data available.

### 13. Disposal considerations

#### 13.1 Waste treatment methods



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Waste from residue: Disposal should be in accordance with local regulations and legislation.  
Contaminated packaging: Dispose of empty contaminated containers in accordance with regulations and legislation.

### 14. Transport information

Not classified as dangerous goods for transport

#### **D.O.T Road/Rail**

UN number : not applicable.  
UN proper shipping name: not applicable.  
Transport hazard class (es): not applicable.  
Packing group : not applicable.  
Environmental hazards ( Marine pollutant): not applicable.  
Transport in bulk : not applicable.  
Special precaution for user: not applicable.

#### **Air transport ICAO-TI/IATA-DGR**

UN number : not applicable.  
UN proper shipping name: not applicable.  
Transport hazard class(es): not applicable.  
Packing group : not applicable.  
Environmental hazards : not applicable.  
Transport in bulk : not applicable.  
Special precaution for user: not applicable.

#### **Sea transport IMDG**

UN number : not applicable.  
UN proper shipping name: not applicable.  
Transport hazard class(es): not applicable.  
Packing group : not applicable.  
Environmental hazards ( Marine pollutant): not applicable.  
Transport in bulk : not applicable.  
Special precaution for user: not applicable.

### 15. Regulatory information

#### **15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture.**

- Regulation on classification and labeling of chemicals - Number 04/2012/TT-BCT - Date issued :13/02/2012
- Regulations on the list of hazardous industrial goods to be packed in the process of transporting and transporting dangerous industrial goods by road, rail and inland waterway transport - number: 44/2012/TT-BCT - Date issued 28/12/2012
- National technical standard for ambient air quality - QCVN05:2013/BTNMT
- National technical regulation on some hazardous substances in the surrounding air - QCVN06:2009/BTNMT



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- Regulations on the labeling of chemicals based on GHS according to Circular No. 32/2017 / BCT
- Decision, No.3733/2002/QĐ-BYT.

### 16. Other information

The information in the sheet were written based on the best knowledge and experience currently available but without liability.

SDS prepared on: September 25, 2019

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Legend

TWA: Time Weighted Average

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods.

Flam. Liq.3: Flammable liquid, category 3.

Acute Tox- Inhal.4: Acute toxicity inhalation, category 4

Skin Corr/Irrit.1: Skin corrosion/ irritation, category 1.

Skin Irrit.2: Skin irritation, category 2.

Eye Irrit.2: Eye irritation, category 2A.

Aquatic chronic 3: Aquatic chronic, hazard category 3.

H226- Flammable liquid and vapor.

H314- Causes severe skin burns and eye damage.

H315- Causes skin irritation.

H332- Harmful if inhaled

H319- Causes serious eye irritation.

H412- Harmful to aquatic life with long-lasting effects.