

## 1. Product and company identification

Product name: Tacusil UVA0202  
Company name: Kitpackers Trading (Huizhou) Co., Ltd  
Address: Room 9,11 Floor, Chuangxin Building Block 1, No.1,  
Technology Road, Technology Chuangxin Park, West of Dayabay,  
Huizhou City, Guangdong, P.R 516211。  
Tel: (86 752) 5533798  
86013751079832  
E-mail: info@tacusil.com.hk  
Emergency telephone number: International Chemtrec: 01-703-527-3887 (24 hours)

## 2. Hazards identification

### GHS classification of substance or mixture, and national or regional information

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitizer	Category 1
Hazardous to the aquatic environment-long-term (Chronic) hazard	Category 1
Hazardous to the aquatic environment-short-term (Acute) hazard	Category 1

### Label elements



Hazard pictogram: :

Signal word: Warning

Hazard statement:

H315 - Causes skin irritation.

H319- Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

[Prevention]:

P264+P265 Wash hands thoroughly after handling. Do not touch eyes.

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

P261 Avoid breathe dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of workplace

P273 Avoid release to the environment.

[Response]:

P305+P351+P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317: if eye irritation persists: Get medical help.

P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment (See the information on this label).

P333+P317 if skin irritation or rash occurs: Get medical help.

P362+P364Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

[Disposal]:

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**3. Composition / information on ingredients**

**General description:** mixture

component	Concentration (% w/w)	CAS No.
Acrylate Oligomer	<80	Secret
IBOA	>20	5888-33-5
Photoinitiator	<10	7473-98-5
Fumed silica	<10	Secret

#### 4. First aid measures

##### Description of necessary first-aid measures

**Skin contact:**

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Inhalation:**

Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.

**Ingestion:**

Rinse mouth. Get medical attention if symptoms occur.

#### 5. Fire-fighting measures

**Specific hazards:**

Toxic fumes may be released

**Extinguishing media:**

Water spray. Dry powder. Foam. Carbon dioxide.

**Fire-fighting method:**

Move containers from fire area if you can do so without risk.

**Notice and measures for firing fighting:**

Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus Complete protective clothing

#### 6. Accidental release measures

**Personal precautions**

Ventilate spillage area

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray

Do not attempt to take action without suitable protective equipment

For further information refer to section 8: "Exposure controls/personal protection

**Environmental precautions**

Avoid release to the environment.

**Clean-up methods:**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Other information:**

Dispose of materials or solid residues at an authorized site.

## 7. Handling and storage

**Notice for handling:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Notice for storage:**

Store locked up. Store in tightly closed container. Store in a well-ventilated place.

Keep away from heat and direct sunlight.

Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls / personal protection

**Engineering control:**

Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the workplace. Avoid release to the environment.

**Respiratory protection:**

In case of inadequate ventilation, wear respiratory protection.

**Eye protection:**

Wear safety glasses with side shields.

**Skin and body protection**

Wear protective gloves and protective clothing.

## 9. Physical and chemical properties

Appearance	Blue Liquid
Physical state:	Liquid
pH:	No data available
Initial boiling point and boiling range (°C) :	>430°F
Flash point (°C) :	> 100 °C close cup
Upper explosion limit:	No data available
Lower explosive limit:	No data available
Vapor pressure (kPa) :	No data available
Relative density:	1.05

Solubility in water:	Negligible
Odor:	No data available
Melting point (°C) :	No data available
Auto-ignition temperature: (°C) :	No data available
Decomposition temperature (°C) :	No data available
Flammability (solid, gas):	No data available
Vapor density:	No data available
Partition coefficient: n-octanol/water (lg P) :	No data available
:	

### 10. Stability and reactivity

**Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

**Conditions to avoid:**

- Incompatible materials.
- High temperatures.
- Exposure to light.
- Ultraviolet radiation.

**Incompatible products:**

Strong oxidizing agents

**Decomposition products:**

Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

### 11. Toxicological information

**General toxicological information:**

- Acute toxicity (oral) : not classified
- Acute toxicity (dermal): not classified
- Acute toxicity (inhalation) : not classified

<b>IBOA<sup>2</sup></b>	
LC50 Dermal Rabbit <sup>2</sup>	> 30000 mg/kg body weight (Other, Rat, Male / female, Experimental value, Oral) <sup>2</sup>
LD50 Oral Rat <sup>2</sup>	4350 mg/kg body weight <sup>2</sup>
<b>Photocuring Agent<sup>2</sup></b>	
LD50 oral rat <sup>2</sup>	1694 mg/kg bw <sup>2</sup>
LC50 dermal rabbit <sup>2</sup>	6929 mg/kg bw <sup>2</sup>

**Skin corrosion/irritation:**

Causes skin irritation

**Serious eye damage/irritation:**

Causes serious eye irritation

**Respiratory or skin sensitization:**

Sensitization possible through skin contact

**Carcinogenicity:**

No information available

**Specific target organ toxicity (single exposure):**

No information available

**Specific target organ toxicity (repeated exposure):**

No information available

**Germ cell mutagenicity:**

No information available

**Repeated dose toxicity:**

No information available

**12. Ecological information**

**General ecological information:**

Do not empty into drains / surface water / ground water.

Ecotoxicity

Ecology - general :

Very toxic to aquatic life with long lasting effects.

**Hazardous to the aquatic environment, long-term (chronic):**

Very toxic to aquatic life with long lasting effects.

<b>IBOA (CAS 5888-33-5)<sup>1)</sup></b>	
LC50 Fish <sup>2)</sup>	0.704 mg/L, 96 h <sup>2)</sup>
NOEC(reproduction) Daphnia magna <sup>2)</sup>	0.092 mg/L, 21d <sup>2)</sup>
EC50(Growth rate) Algae <sup>2)</sup>	1.95 mg/L, 72h <sup>2)</sup>
NOEC(Growth rate) Algae <sup>2)</sup>	0.405 mg/L, 72h <sup>2)</sup>
<b>Photocuring Agent (CAS 7473-98-5)<sup>1)</sup></b>	
LC50 <sup>2)</sup>	160 mg/L, 48 h <sup>2)</sup>
ErC50 Algae <sup>2)</sup>	1.95 mg/L, 72 h <sup>2)</sup>

**Persistence and degradability**

No data available

**Mobility in soil**

No data available

**Other adverse effects Classification procedure (Ozone):**

No data available

**13. Disposal considerations**

**Product disposal:**

Dispose of contents/container in accordance with licensed collector's sorting instructions..

**Disposal of uncleaned packages:**

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

#### 14. Transport information

Hazard Class: 9.  
Packing group: III  
UN no.: UN 3082  
Label: 9.  
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
Seawater pollutant: Yes

#### 15. Regulatory information

**The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/ unloading, classification as well as symbol.**

- “Law of the People's Republic of China on Work Safety”
- “Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases”
- “Law of the People's Republic of China on environmental protection”
- “Regulation on the Safety Management of Hazardous Chemicals”
- “Regulations on License to Work Safety”

#### 16. Other information

For Industrial Only

This materials safety data sheet is offered solely for your information, consideration and investigation. The data described in this SDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. Kitpackers Trading (Huizhou) Co., Ltd. provides no warranties; either expresses or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.