

## 1. Product and company identification

Product name: Tacusil UVA0218  
Company name: Kitpackers Trading (Huizhou) Co., Ltd  
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## 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	Category2
Serious eye damage/eye irritation	Category2A
Skin sensitizer	Category1
Acute hazards to the aquatic environment	Category1
Chronic hazards to the aquatic environment	Category 1

### Label elements



Hazard pictogram::

Signal word: Warning

### Hazard statement

H315 Causes skin irritation.

H 319 Causes serious eye irritation.

H317 May cause an allergic skin reaction..

H400 Very toxic to aquatic life

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.

P261Avoid breathe dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of workplace

P273Avoid 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 polymer	30-50	25035-69-2
Acrylate urethane resin	30-50	68987-79-1
Dodeyl Methacrylate	25-40	142-90-5
Photocuring Agent	1-4	Trade Secret

Mercaptan	3-5	Trade Secret
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#### 4. First aid measures

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

###### Skin contact:

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

###### Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

###### Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

###### Ingestion:

Rinse mouth. Get medical attention if symptoms occur.

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#### 5. Fire-fighting measures

##### Specific hazards:

gases hazardous to health may be formed.

##### 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:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. No unusual fire or explosion hazards noted.

Use standard firefighting procedures and consider the hazards of other involved materials.

#### 6. Accidental release measures

##### Personal precautions

Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

##### Environmental precautions

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

##### 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	Translucent Liquid
Physical state:	Liquid
pH:	No data available
Initial boiling point and boiling range (°C) :	No data available
Flash point (°C) :	No data available

Upper explosion limit:	No data available
Lower explosive limit:	No data available
Vapor pressure (kPa) :	No data available
Relative density:	No data available
Solubility in water:	Negligible
Odor:	Amine like
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

### Stability:

Stable under recommended storage conditions.

### 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

Photocuring Agent	
LD50 oral (rat)	1694
LD50 dermal (rat)	6929
ATE CN (oral)	1694 mg/kg bodyweight
ATE CN (dermal)	6929 mg/kg bodyweight

**Skin corrosion/irritation:**

Causes skin irritation.

**Serious eye damage/irritation:**

Causes eye irritation.

**Respiratory or skin sensitization:**

Sensitization possible through skin contact

**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.

Toxicity:

Ecology - general: Toxic to aquatic life with long lasting effects.

**Persistence and degradability:**

Photocuring Agent	
Persistence and degradability	Not readily biodegradable in water

**Bioaccumulative potential & Mobility in soil:**

Photocuring Agent	
Bioaccumulative potential & Mobility in soil	Low potential for bioaccumulation (Log Kow < 4)
Partition coefficient: n-octanol/water (Log Pow)	1.66

## 13. Disposal considerations

**Product disposal:**

Dispose of in accordance with local and national regulations.

**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.: 3082  
Label: 9  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S.  
Seawater pollutant: YES, Marine pollutant

#### 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.