

1. Product and company identification

Product name: Tacusil UVA0202HVS
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>
Acute Tox. (oral)	Category 4
Skin sensitizer	Category 1
Acute hazards to the aquatic environment	Category 1
Chronic hazards to the aquatic environment	Category 1

Label elements

Hazard pictogram::



Signal word: Warning

Hazard statement

H302 Harmful if swallowed.

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]:

- P270 Do not eat, drink or smoke when using this product.
P261 Avoid breathe dust/fume/gas/mist/vapors/spray
P272 Contaminated work clothing should not be allowed out of the workplace.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.

[Response]:

- P301+P317 IF SWALLOWED: Get medica help.
P330 Rinse mouth
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	25-50	25035-69-2
Acrylate urethane resin	25-50	Proprietary
Pentaerythritol tetraacrylate	4-8	4986-89-4
IBOA	4-8	5888-33-5
Photocuring Agent	1-4	7473-98-5
Photocuring Agent	0.5-1	162881-26-7

4. First aid measures

Description of necessary first-aid measures

Skin contact:

Remove contaminated clothing immediately and wash skin with soap and water. 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:

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	Blue 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:	gentle
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
Density:	1.05g/cm ³
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, CO₂). Nitrogen oxides.

11. Toxicological information

General toxicological information:

Acute toxicity (oral) : Not classified.

Acute toxicity (dermal): Not classified.

Acute toxicity (inhalation) : Not classified.

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

Skin corrosion/irritation:

No information available

Serious eye damage/irritation:

No information available

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.

IBOA (CAS 5888-33-5)	
LC50 Fish	0.704 mg/L, 96 h
NOEC(reproduction) Daphnia magna	0.092 mg/L, 21d
EC50(Growth rate) Algae	1.98 mg/L, 72h
NOEC(Growth rate) Algae	0.405 mg/L, 72h
Photocuring Agent (CAS 7473-98-5)	
LC50	160 mg/L, 48 h
ErC50 Algae	1.95 mg/L, 72 h

Persistence and degradability:

Not available.

Bioaccumulative potential:

Not available.

Mobility in soil:

This product is miscible in water.

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: 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.