

1. Product and company identification

Product name: Tacusil UVA0240
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 sensitizer	Category 1B
Chronic hazards to the aquatic environment	Category 2

Label elements



Hazard pictogram::

Signal word: Warning

Hazard statement

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

[Prevention]:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection, and face protection.

P273 Avoid release to the environment.

[Response]:

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+P364 Take 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.
Silica	50-80	Trade secret
Epoxy resin	10-30	3130-19-6
polyglycol	5-20	36890-68-3
photoinitiator	1-2	Trade secret

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.

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	Clear 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:	1.6
Solubility in water:	Negligible
Odor:	Mild
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, CO₂). Nitrogen oxides.

11. Toxicological information

General toxicological information:

Acute toxicity (oral) :

Epoxy Resin Oral LD₅₀ 5000 mg/kg (rat)

Acute toxicity (dermal): Not Data

Acute toxicity (inhalation) : Not Data

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.

Ecological toxic

Epoxy resin : short-term toxicity to fish LC₅₀ 3.29 mg/L 96 h calculation· (QSAR)

Persistence and degradability:

Not data available.

Bioaccumulative potential:

Not data available.

Mobility in soil:

Not data available.

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



Safety Data Sheet

according to GB/T 16483-2008

Revision: 04/09/2024

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.