

1. Product and company identification

Product name: Tacusil UVA0237
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 sensitizer	Category 1B
Acute hazards to the aquatic environment	Category 2
Chronic hazards to the aquatic environment	Category 2

Label elements

Hazard pictogram: :



Signal word: Warning

Hazard statement

H317 May cause an allergic skin reaction.

H401 Toxic to aquatic life

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.
Epoxy resin	50-80	3130-19-6
Silicon dioxide	10-20	Trade secret
Polyglycols	5-10	36890-68-3
Photoinitiators	1-2	818-61-1

4. First aid measures

Description of necessary first-aid measures

Skin contact:

Wash off immediately with plenty of water, Get medical attention if irritation develops and persists

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Inhalation:

Fresh air, oxygen supply, warmth; seek specialist medical attention.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire-fighting measures

Hazardous combustion products:

Hydrocarbons carbon oxides. Irritating organic fragments. nitrogen oxides

Extinguishing media:

Carbon dioxide, foam, powder

Fire-fighting method:

Avoid open flames and sources of ignition. Do not inhale vapors and fumes.

Notice and measures for firing fighting:

Wear self-contained breathing apparatus. Wear protective equipment.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation, Wear protective gloves/clothing and eye/face protection.

Environmental precautions

Do not allow material to contaminate ground water system, Try to prevent the material from entering drains or water courses, Local authorities should be advised if significant spillages cannot be contained.

Clean-up methods:

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

For small spills wipe up with paper towel and place in container for disposal.

Precautious measures to prevent secondary hazards:

Do not unite with other spilled material.

7. Handling and storage

Notice for handling:

Ensure good ventilation/suction at the workplace.

No smoking.

Avoid skin and eye contact.

Avoid open flames and sources of ignition.

Handle in accordance with good industrial hygiene and safety practice

Protect from light.

Notice for storage:

Keep away from heat and direct sunlight.

Keep container tightly sealed.

Refer to Technical Data Sheet

8. Exposure controls / personal protection

Engineering controls:

Ensure good ventilation/suction at the workplace.

Respiratory protection:

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

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
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:	1.3
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
Viscosity:	3500-80000cps

10. Stability and reactivity

Stability:

Stable under recommended storage conditions.

Conditions to avoid:

High temperatures.

Exposure to light.

Ultraviolet radiation.

Incompatible products:

Reaction with strong acids. Reaction with strong oxidants. Reaction with strong bases

Decomposition products:

carbon oxides. Hydrocarbons Irritating organic vapours

11. Toxicological information

General toxicological information:

No laboratory animal data available.

Acute toxicity

Oral toxicity:

Epoxy resin Oral LD50 5000 mg/kg (rat)

Dermal toxicity:

Not available.

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.

Ecotoxicity:

Harmful to aquatic organisms

Epoxy resin :

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

Other adverse effects:

Not available.

Persistence and degradability:

Not available.

Bioaccumulative potential / Mobility in soil:

Not 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



Safety Data Sheet

according to GB/T 16483-2008

Revision: 7/3/2023

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.