

1. Product and company identification

Product name: Tacusil EPA2711FG Part A

Manufacturer or supplier's details:

Company: 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. China 516211

Telephone: (86 752) 5533798

Product Safety Department: info@tacusil.com.hk

Emergency telephone number: 0532-83889090 (24h)

2. Hazards identification

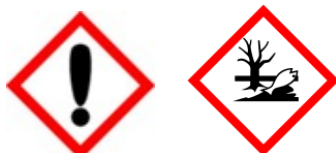
Emergency Overview:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B
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

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation

H411 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+P338 IF 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+P364 Take off contaminated clothing and wash it before reuse

P391 Collect spillage

[Disposal]:

P501 Dispose of contents/container in accordance with local/regulation/international regulations.

3. Composition / information on ingredients

General description: mixture

Hazard component	Concentration (% w/w)	CAS No.
Aluminum hydroxide	<50%	21645-51-2

Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	<20	25085-99-8
Epoxy resin	<20%	94362-50-2
Alkyl (C12-C14) glycidyl ether	<10%	68609-97-2
Kaolin	20%	1332-58-7

4. First aid measures

If inhaled:

If inhaled, remove to fresh air. Get medical attention.

In case of skin contact:

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

In case of eye contact:

Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

If swallowed:

DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water

Protection of first-aiders:

First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

Notes to physician:

Treat symptomatically and supportively.

5. Fire fighting measures

Extinguishing media:

Water spray (fog), foam, dry chemical or carbon dioxide

Hazardous combustion products:

Oxides of carbon. Irritating vapors

Specific extinguishing methods:

Personnel in vicinity and downwind should be evacuated. Burning produces obnoxious and toxic fumes. In case of fire, keep containers cool with water spray. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

6. Accidental release measures**Emergency measures:**

Do not allow product to enter sewer or waterways.

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

7. Handling and storage**Advice on safe handling:**

Avoid inhalation of vapor or mist. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Keep away from water. Protect from moisture. Take care to prevent spills, waste and minimize release to the environment.

Advice on Storage:

Store in a cool, dry place. Ensure that storage and workrooms are adequately ventilated. Must be stored in a room with spill collection facilities.
Keep away from heat and direct sunlight.

8. Exposure controls / personal protection

Components with workplace control parameters:

No data

Occupational exposure limits of decomposition products:

No data

Engineering controls:

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection:

Eye protection:

Safety goggles or safety glasses with side shields

Body protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Hand protection:

Suitable protective gloves.

Other protection:

Wash off any dirt that gets onto the skin with lots of soap and water, skin care. Use solvent-resistant skin protection cream. Do not breathe dust and vapors.

9. Physical and chemical properties

Appearance	White or light- yellow 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:	1.93
Solubility in water:	No data available
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:	95000cps

10. Stability and reactivity

Chemical stability:

Stable under normal conditions

Hazardous polymerization:

May occur.

Conditions to avoid

Conditions to avoid: Danger of decomposition if exposed to heat.

Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately.

Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

Incompatible products:

Strong oxidizing agents.

Reacts with alcohols and amines.

Reaction with some curing agents may produce an exothermic reaction which in large masses could cause runaway polymerization..

Decomposition products:

Oxides of carbon. Irritating vapors.

11. Toxicological information

General toxicological information:

No laboratory animal data available.

Oral toxicity:

Acute toxicity estimate (ATE) : > 5,000 mg/kg
Method: Calculation method

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]	LD50	> 2,000 mg/kg	oral		rat	not specified
	LD50	> 2,000 mg/kg	dermal		rabbit	not specified

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitization:

May cause an allergic skin reaction.

Germ cell mutagenicity:

No laboratory animal data available

Repeated dose toxicity:

No laboratory animal data available

12. Ecological information

General ecological information:

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

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	LC50	2mg/l	Fish	96h	not specified	OECD Guideline 203 (Fish, Acute)

25085-99-8						Toxicity Test)
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer 25085-99-8	EC50	2mg/l	Daphnia	48h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer 25085-99-8	EC50	>11mg/l	Algae	72h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer 25085-99-8	NOEC	4.2mg/l	Algae	72h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)

Persistence and degradability:

Bioaccumulative potential / Mobility in soil:

No laboratory animal data available

Persistence and degradability:

Not readily biodegradable in water.

13. Disposal considerations

Product disposal:

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR IN TO ANY BODY OF WATER All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Contaminated packaging:

Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

14. Transport information

Road transport CN_DG:

Hazard class or division	9
Packing group::	III
UN#:	UN3082
Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s.

Marine transport IMDG:

Hazard class or division	9
Packing group::	III
UN#:	UN3082
EmS	F-A ,S-F
Seawater pollutant:	Yes
Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s.

Air transport IATA:

Hazard class or division	9
Packing group::	III
UN#:	UN3082
Packaging instructions (passenger):	964
Packaging instructions (cargo):	964
Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s.

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:

GB/T 16483: #Safety data sheet for chemical products - Content and order of sections#
GB/T 17519: Guidance on the compilation of safety data sheets for chemical products
GB 15258:#General rules for preparation of precautionary label for industrial chemicals#
GB 30000.2 ~ GB 30000.29: Rules for classification and labelling of chemicals



Safety Data Sheet

according to GB/T 16483-2008

Revision: 09/11/2023

GB 13690: #General rule for classification and hazard communication of chemicals#

GB 12268: #List of dangerous goods#

GB 6944: #Classification and code of dangerous goods#

GB 190 #Labels for packages of dangerous goods#

GBZ 2.1 #Occupational Exposure Limits for Hazardous Agents in the Workplace, Part 1,
Chemical Hazardous Agents #

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.