

SAFETY DATA SHEET

1. Identification

Product identifier: TEGO® Foamex 1497

Chemical name: Aqueous emulsion of an organic modified siloxanes

Other means of identification

Recommended use: Industrial use

Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

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2. Hazard(s) identification

Classification according to GHS

Health Hazards

Skin Corrosion/Irritation Category 3

Label Elements

Hazard Symbol: No symbol

Signal Word: Warning

Hazard Statement: Causes mild skin irritation.

Precautionary Statements

Response: If skin irritation occurs: Get medical advice/attention.

Other hazards: None known.

3. Composition/information on ingredients

Chemical name:

Aqueous emulsion of an organic modified siloxanes

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) [*]
Ethanol, 2-amino-	No data available.	141-43-5	0.1796%

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

General information: Remove soiled or soaked clothing immediately

Inhalation: fresh air supply, consult a doctor if feeling unwell.

Skin Contact: In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.

Eye contact: In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.

Ingestion: Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.

Personal Protection for First-aid Responders: No data available.

Most important symptoms/effects, acute and delayed

Symptoms: Up to now no symptoms are known.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media: High volume water jet.

Specific hazards arising from the chemical: In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No specific precautions.

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases. Self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Methods and material for containment and cleaning up: Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

Environmental Precautions: Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): No data available.

Safe handling advice: Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight Homogenise before using. Protect from frost.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Observe national threshold limit values.

Biological Limit Values

Chemical name	Parameters / Sampling Time	Exposure Limit Values	Source

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: Safety glasses

Skin Protection

Hand Protection: Additional Information: PVC gloves

Other: protective clothing

Respiratory Protection: in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Hygiene measures: Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state: liquid

Form: liquid

Color: White

Odor: faint inherent odor

Odor Threshold: not measured

Freezing point: not measured

Boiling Point: not measured

Flammability: not measured

Upper/lower limit on flammability or explosive limits

Explosive limit - upper: not measured

Explosive limit - lower: not measured

Flash Point: > 212 °F/> 100 °C

Self Ignition Temperature: not measured

Decomposition Temperature: not measured

pH:	6 - 8 (77 °F/25 °C)
Viscosity	
Dynamic viscosity:	600 - 1,000 mPa.s (77 °F/25 °C)
Kinematic viscosity:	600 - 1000 mm ² /s (77 °F/25 °C, calculated)
Flow Time:	Not applicable
Solubility(ies)	
Solubility in Water:	miscible
Solubility (other):	not measured
Partition coefficient (n-octanol/water):	not measured
Vapor pressure:	not measured
Relative density:	not measured
Density:	Approximate 1 g/cm ³ (77 °F/25 °C)
Bulk density:	Not applicable
Relative vapor density:	not measured
Particle characteristics	
Particle Size Distribution:	Not applicable
Specific surface area:	Not applicable
Surface charge/Zeta potential:	Not applicable
Assessment:	Not applicable
Shape:	Not applicable
Crystallinity:	Not applicable
Surface treatment:	Not applicable

Other information

Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Minimum ignition temperature:	not measured
Metal Corrosion:	Does not corrode metal.
Evaporation Rate:	not measured

10. Stability and reactivity

Reactivity:	see section "Possibility of hazardous reactions".
Chemical Stability:	The product is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
Conditions to avoid:	Open flames, sparks or input of much heat direct sunlight Freezing.
Incompatible Materials:	Unknown
Hazardous Decomposition Products:	None with proper storage and handling.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	Information on effects are given below.
Skin Contact:	Information on effects are given below.
Eye contact:	Information on effects are given below.
Ingestion:	Information on effects are given below.

Information on toxicological effects
Acute toxicity (list all possible routes of exposure)
Oral

Product:	No data available.
Components:	
Ethanol, 2-amino-	LD 50 (Rat): 1,089 mg/kg LD 50 (Rat): 1,515 mg/kg

Dermal

Product:	No data available.
Components:	
Ethanol, 2-amino-	LD 50 (Acute toxicity estimate): 1,100 mg/kg

Inhalation

Product:	No data available.
Components:	
Ethanol, 2-amino-	LC 50 (Acute toxicity estimate): 11 mg/l Vapour LC 50 (Acute toxicity estimate): 1.5 mg/l Dusts, mists and fumes

Repeated dose toxicity

Product:	No data available.
Components:	
Ethanol, 2-amino-	No data available.

Skin Corrosion/Irritation

Product:	No data available.
Components:	
Ethanol, 2-amino-	OECD 404 (Rabbit): Corrosive. , > 3.01 min - < 1 h

Serious Eye Damage/Eye Irritation

Product:	No data available.
Components:	
Ethanol, 2-amino-	Risk of serious damage to eyes. OECD 405 Rabbit:

Respiratory or Skin**Sensitization**

Product:	No data available.
Components:	
Ethanol, 2-amino-	Maximization Test, OECD 406 (Guinea Pig): Not a skin sensitizer.

Carcinogenicity

Product:	No data available.
Components:	
Ethanol, 2-amino-	No data available.

Germ Cell Mutagenicity**In vitro**

Product:	No data available.
Components:	
Ethanol, 2-amino-	Ames test (OECD 474): negative

In vivo

Product:	No data available.
Components:	
Ethanol, 2-amino-	No data available.

Reproductive toxicity

Product:	No data available.
Components:	
Ethanol, 2-amino-	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	No data available.
Components:	
Ethanol, 2-amino-	Inhalation - vapor: Respiratory system - Category 3 with respiratory tract irritation.

Specific Target Organ Toxicity - Repeated Exposure

Product:	No data available.
Components:	
Ethanol, 2-amino-	No data available.

Aspiration Hazard

Product:	Not classified
Components:	
Ethanol, 2-amino-	Not classified

Information on health hazards**Other hazards**

Product:	No data available.
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12. Ecological information**Ecotoxicity:****Acute hazards to the aquatic environment:**

Fish

Product: No data available.
Components:
 Ethanol, 2-amino- LC 50 (Cyprinus carpio (Carp), 96 h): 349 mg/l

Aquatic Invertebrates

Product: No data available.
Components:
 Ethanol, 2-amino- EC 50 (Daphnia magna, 48 h): 27.04 mg/l

Toxicity to Aquatic Plants

Product: No data available.
Components:
 Ethanol, 2-amino- EC 50 (Selenastrum capricornutum (green algae), 72 h): 2.8 mg/l (OECD 201)

Toxicity to microorganisms

Product: No data available.
Components:
 Ethanol, 2-amino- EC 50 (activated sludge, 0.5 h): > 1,000 mg/l (OECD 209)

Chronic hazards to the aquatic environment:
Fish

Product: No data available.
Components:
 Ethanol, 2-amino- NOEC (Oryzias latipes, 41 d): 1.24 mg/l
 Lowest Observed Effect Concentration (Oryzias latipes, 41 d): 3.55 mg/l

Aquatic Invertebrates

Product: No data available.
Components:
 Ethanol, 2-amino- NOEC (Daphnia magna, 21 d): 0.85 mg/l
 NOEC (Daphnia magna, 21 d): 15.75 mg/l

Toxicity to Aquatic Plants

Product: No data available.
Components:
 Ethanol, 2-amino- NOEC (Selenastrum capricornutum (green algae), 72 h): 1 mg/l (OECD 201)

Toxicity to microorganisms

Product: No data available.
Components:
 Ethanol, 2-amino- No data available.

Persistence and Degradability
Biodegradation

Product: No data available.
Components:
 Ethanol, 2-amino- aerobic (28 d, OECD 301 A): 90 - 100 % The product is easily biodegradable.

BOD/COD Ratio

Product: No data available.
Components:

Ethanol, 2-amino- No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Components:
Ethanol, 2-amino- No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: not measured

Components:
Ethanol, 2-amino- Log Kow: -2.299 25 °C

Mobility in soil:

Product No data available.

Components:
Ethanol, 2-amino- No data available.

Results of PBT and vPvB assessment:

Product No data available.

Components:
Ethanol, 2-amino- No data available.

Other adverse effects:

Other hazards

Product: Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

Disposal methods: In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Domestic regulation

ADG

Not regulated as a dangerous good

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory information

16. Other information, including date of preparation or last revision

Issue Date:	28.07.2021
Version #:	1.2
Further Information:	No data available.
Revision Information:	Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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