

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

-Trade name: Tecsel® Intumescent Mastic – External Use

1.2. Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

-Application of the substance / the mixture Fire resistant neutral silicone oxime

1.3. Details of the supplier of the safety data sheet

-Manufacturer/Supplier:

TECRESA PROTECCIÓN PASIVA S.L. - Parque Leganés Tecnológico - LEGATEC - C/ Margarita Salas, 6 - 28918 - Leganés, Madrid.

Tel: 0034 91 428 22 60 Fax : 0034 91 428 22 62.

-Further information obtainable from :

1.4. Emergency telephone number: European emergency number : 112 (24h)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

-Classification according to Regulation (EC) No 1272/2008



GHS07

Eye Irrit. 2

H319 Causes serious eye irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

2.2. Label elements

-Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

-Hazards pictograms



GHS07

-Signal word Warning

-Hazard-determining components of labelling:

Methyltri(methylethyketoxime)silane

Aminopropyltriethoxysilane

2-butanone oxime

Vinyl oximine silane

Tetrakis((sec-butylideneamino)oxy)silane

-Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

-Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing eye/eye protection/face protection.
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.

2.3. Other hazards

-Results of PBT and vPvB assessment

-PBT: Not applicable.

-vPvB: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Chemical characterisation: Mixtures

-Description:

Mixture of substances listed below with nonhazardous additions.

Componentes peligrosos:		
CAS: 22984-54-9 EINECS: 245-366-4	metil tri(metiletilcetoxima) silano Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	<2,5%
CAS: 919-30-2 EINECS: 213-048-4 Reg.nr.: 01-2119480479-24-XXXX	Aminopropiltriethoxisilano Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317	<2,5%
CAS: 2224-33-1 EINECS: 218-747-8 Reg.nr.: 01-2119982966-14-XXXX	Vinil oximino silano Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	<2,5%
CAS: 34206-40-1 EINECS: 251-882-0	Tetraquis((sec-butilideneamino)oxi)silano Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
CAS: 96-29-7 EINECS: 202-496-6 Reg.nr.: 01-2119539477-28	2-butanona-oxima Carc. 2, H351; Eye Dam. 1, H318; Acute Tox. 4, H312; Skin Sens. 1, H317	<1%

-Additional information:

For the wording of the listed risk phrases refer to section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures:

-After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

-After skin contact: Immediately wash with water and soap and rinse thoroughly.

-After eye contact: Rinse opened eye for several minutes under running water.

-After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed:

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

-Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Protective equipment: No special measures required.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Not required.

6.2. Environmental precautions:

Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

-Information about fire – and explosion protection: Keep respiratory protective device available.

7.2. Conditions for safe storage, including any incompatibilities

-Storage:

-Requirements to be met by storerooms and receptacles: No special requirements.

-Information about storage in one common storage facility: Not required.

-Further information about storage conditions: None.

7.3. Specific end use(s):

No further relevant information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

-Additional information about design of technical facilities:

No further data; see item 7.

8.1. Control parameters

-Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2. Exposure controls

-Personal protective equipment:

-General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

-Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

-Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance / the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

-Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

-Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

-Eye protection:



Tightly sealed goggles

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Appearance:	
- Form:	Paste
- Colour:	Various colours
Odour:	Characteristic
pH-Value at 20 °C:	8
Change in condition	
- Melting point/Melting range:	Not determined
- Boiling point/Boiling range:	Not determined
Flash point:	>300 °C
Flammability (solido, gaseous):	Not applicable
Ignition temperatura	
- Decomposition temperature:	Not determined
Self-igniting:	Product is not selfigniting
Danger of explosion:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Density at 20 °C:	1,33 g/cm ³
Relative density:	Not determined
Solubility in / Miscibility with water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	
- Dynamic at 20 °C:	200000 mPas
- Kinematic:	Not determined

9.2. Other information: No further relevant information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability

-Thermal descomposition / conditions to be avoided:

No descomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute toxicity:** Based on available data, the classification criteria are not met.
- Primary irritant effect:**
- Skin corrosion/irritation:**
Based on available data, the classification criteria are not met.
- Serious eye damage/irritation:** Causes serious eye irritation.
- Respiratory or skin sensitisation:** May cause an allergic skin reaction.
- Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- Carcinogenicity:** Based on available data, the classification criteria are not met.
- Reproductive toxicity:** Based on available data, the classification criteria are not met.
- STOT- single exposure:**
Based on available data, the classification are not met.
- STOT-repeated exposure:**
Based on available data, the classification are not met.
- Aspiration hazard:** Based on available data, the classification are not met.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

- Aquatic toxicity:** No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

-**Additional ecological information:**

-**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

-**PBT:** Not applicable

-**vPvB:** Not applicable

12.6 Others adverse effects: No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

- Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packaging:**
- Recommendation:** Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

14.1 UN-Number

-ADR, IMDG, IATA: Void

14.2 UN proper shipping name

-ADR, IMDG, IATA: Void

14.3 Transport hazard class(es)

-ADR, ADN, IMDG, IATA

-Class: Void

14.4 Packing group

-ADR, IMDG, IATA: Void

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user: Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable

-UN "Model Regulation": Void

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture

-Directive 2012/18/EU

-Named dangerous substances – ANNEX I: None of the ingredients is listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

-Relevant phrases

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H351 Suspected of causing cancer.

-Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Skin Sens. 1: Sensitisation – Skin, Hazard Category 1
Skin Sens. 1B: Sensitisation – Skin, Hazard Category 1B
Carc. 2: Carcinogenicity, Hazard Category 2