

TEKTOFLEXCompilation day: 01/06/2016
Revision day: -**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**Product name: TEKTOFLEX
Chemical Type: Mixture**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Brushable waterproofing for roofs, terraces balconies, facades.

1.2.1 Advised uses

Relevant uses are listed above.

1.2.2 Not advised uses

No other uses are recommended unless an assessment has been conducted prior to the start of that use, which demonstrates that the risks associated with that use are controlled.

1.3 Details of the supplier of the safety data sheet

Name: TEKTO HELLAS S.A.

Offices: Zakka 10 str, P.O. box 56727, Neapoli, Thessaloniki, Greece. Tel: +30 2310 511 871

Factory: 10th klm Thessaloniki – Neochorouda. Tel: +30 2310 782 007E-mail: tekto@tekto.gr - web: www.tekto.gr**1.4 Emergency telephone number**

+30 2310 511 871 (Office hours 07:30-15:30, Greek time)

2. Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) 1272/2008 (CLP)

This product is not classified as dangerous according to the CLP Regulation (EC) n^o 1272/2008.**2.2. Hazard identification****2.2.1 According to Regulation (EC) 12/27/2008**

None

GHS Precautionary statements

P102 Keep out of reach of children

P101 If medical advice is needed, have product container or label at hand

P103 Read label before use

P501 Dispose of container/content according to local/regional/national level.

2.3 Other hazards

The product does not meet the criteria for PBT and vPvB in accordance with Annex XIII of REACH (Regulation (EC) 1907/2006).

3. Composition/information on ingredients**3.1 Substances**

Non applicable

3.2 Mixture

Chemical description: Aqueous mixture composed of additives, aggregates and resins

Components

None of the substances contained in the mixture are above the values fixed in Annex II of Regulation (EC) n^o 1907/2006

4. First-aid measures**4.1 Description of first aid measures****General information**

Consult a doctor in case of discomfort with this Safety data sheet.

In case of contact with eyes

Make sure the patient does not wear contact lenses and if he does, immediately remove them and proceed with the eyewash. Wash immediately with plenty of water for at least 20 minutes to remove all residues. If irritation persists, consult a physician with the SDS of this product.

In case of contact with skin

In case of contact with skin, it is recommended to clean the affected area thoroughly with water and neutral soap. In case of irritation of the skin (stinging, redness, rashes, blisters ...), consult a doctor and present him with the SDS of this product

In case of inhalation

In case of symptoms, move the person to fresh air. Contact a physician if irritation persists, or if it occurs later, or if you are having trouble, coughing or the symptoms persist atria.

In case of ingestion

Do not induce vomiting. If the person is conscious, rinse mouth with plenty of water and seek immediate medical attention or contact a poison control center.

4.2 Most important symptoms and effects, both acute and delayed

Acute and delayed effects are indicated in sections 2 and 11.

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

See 4.1: Deliver the present Safety Data Sheet.

5. Fire-fighting measures

Product is non-flammable, low risk of fire by the inflammability characteristics of the product in normal conditions of storage, manipulation and use. In the case of the existence of sustained combustion as a result of improper manipulation, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

5.1 Extinguishing media**Suitable extinguishing media:**

Water, CO₂, foam, chemical powders, according to the materials involved in the fire.

Information about suitable extinguishing media:

Not relevant

Unsuitable extinguishing media:

None in particular

Indicate whether any extinguishing media is inappropriate for a particular situation involving the substance/mixture:

None in particular

5.2 Special hazards arising from the substance or mixture

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

5.3 Advice for firefighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.

Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from the area of people not involved in the intervention of the emergency.
Isolate leaks provided that there is no additional risk for the people performing this task.
Use a mask, goggles, gloves and the appropriate personal protective equipment.

6.2 Environmental procedures

This product is not classified as hazardous to the environment. Keep the product away from drains and from surface and underground water.

6.3 Methods for cleaning up

It is recommended to:

Absorb the spillage using sand or an inert absorbent and move it to a safe place. Do not absorb the material by using sawdust or other combustible absorbents. For any concern related to the disposal, consult section 13.

6.4 Reference to other sections

Wherever it's appropriate, see sections 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used

B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2

7.2 Conditions for safe storage, including any incompatibilities

A.- Technical measures for storage

Minimum temperature: +5°C

Maximum temperature: +30 °C

Maximum storage time: 6 months

7.3 Specific end use(s)

Except for the instruction already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8. Exposure controls/personal protection

8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the work environment.
There are no environmental limits for the substances contained in this product.

DNEL (Workers)

Non-applicable

DNEL (General population)

Non-applicable

PNEC

Non-applicable

8.2 Exposure controls



A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.



B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.



C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks	 CAT. I		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420 and EN 374.

D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN standards	Remarks
 Υποχρεωτική προστασία του προσώπου	Panoramic glasses against liquid splash	 CAT II	EN 166:2001 EN ISO 4007:2012	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Bodily protection

Pictogram	PPE	Labelling	CEN standards	Remarks
	Work clothing	 CAT. I		For professional use only.
	Anti-slip work shoes	 CAT II	EN ISO 20347:2012	None

F.- Additional emergency measures

It is not necessary to take additional emergency measures

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply): 0,65 % weight

V.O.C. density at 20 °C: 9,15 kg/m³ (9,15 g/L)

Average carbon number: 10

Average molecular weight: 166 g/mol

9. Physical and chemical properties
9.1 Information on basic physical and chemical properties

For complete information see the product datasheet

Physical state	Liquid
Appearance	Not available
Colour	Not available
Odour	Not available
Boiling point at atmospheric pressure	104°C
Vapour pressure at 20°C	2333 Pa
Vapour pressure at 50°C	12293 Pa (12kPa)
Evaporation rate at 20°C	Non-applicable*
Density at 20°C	1407 Kg/m ³
Relative density at 20°C	1,407
Dynamic viscosity at 20°C	Non-applicable*
Kinematic viscosity at 20°C	Non-applicable*
Kinematic viscosity at 40°C	Non-applicable*
Concentration	Non-applicable*
pH	Non-applicable*
Vapour density at	Non-applicable*
Partition coefficient: n-octanol/water	Non-applicable*
Solubility in water at 20°C	Non-applicable*
Solubility properties	Non-applicable*
Decomposition temperature	Non-applicable*
Melting point/freezing point	Non-applicable*
Flash point	Non-flammable* (>60°C)
Autoignition temperature	384°C
Lower flammability limit	Non-applicable*
Upper flammability limit	Non-applicable*

9.2 Other information

Surface tensions at 20 °C: Non-applicable*

Refraction index: Non-applicable*

*Not relevant due to the nature of the product, not providing information property of its hazards.

10. Stability and reactivity
10.1 Reactivity

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials

Acids	Water	Combustive material	Combustible material	Others
Not applicable	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products

 See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11. Toxicological information**11.1 Information on toxicological effects**

LD50 oral > 2000 mg/kg (rat)

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion:

- Acute toxicity: Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met

B.- Inhalation:

- Acute toxicity: Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met

C.- Contact with the skin and the eyes:

- Acute toxicity: Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met

D.- CMR effects (carcinogenicity, mutagenicity, toxicity for reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met
- Mutagenicity: Based on available data, the classification criteria are not met
- Toxicity for reproduction: Based on available data, the classification criteria are not met

E.- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met
- Cutaneous: Based on available data, the classification criteria are not met

F.- Specific target organ toxicity (STOT) – time exposure:

Based on available data, the classification criteria are not met

G.- Specific target organ toxicity (STOT) – repeated exposure:

- Specific target organ toxicity (STOT)– repeated exposure: Based on available data, the classification criteria are not met
- Skin: Based on available data, the classification criteria are not met

H.- Aspiration hazard:

Based on available data, the classification criteria are not met

Other information:

Non-applicable

Specific toxicology information the substances:

Non-applicable

12. Ecological information**12.1 Toxicity**

Not available

12.2 Persistence and degradability

Not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not described

13. Disposal considerations
13.1 Waste treatment methods

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11	Not dangerous

Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated.

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

14. Transport information
Transport hazard by road – ADR NO

The product does not fall within any class of hazard for the transportation of dangerous goods. Therefore, it is not subjected to model regulations: IMDG [sea], ADR [road], RID [rail], ICAO/IATA [air]. During transportation, avoid the dispersion of the product by the wind. Store the product in close containers.

14.1 UN number

Not relevant

14.2 UN proper shipping name

Not relevant

14.3 Transport hazard class(es)

Not relevant

14.4 Packing group

Not available

14.5 Environmental hazards

Not relevant

14.6 Special precautions for user

Not relevant

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

Not relevant

15. Regulatory information
15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture
Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH)

Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:

Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer:

Non-applicable

Article 95, REGULATION (EU) No 528/2012:

Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH): Non-applicable**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety

16. Other information**16.1 Modifications on previous versions**

Revision date: -

Version: 1.

The present safety data sheet has been compiled in accordance with the Regulation (EU) 1272/2008, Regulation (EU) 1907/2006 and Regulation (EU) 453/2010, amending Annex II of the Regulation (EC) 1907/2006 (REACH) about "Requirements for the compilation of safety data sheets (SDS).", in order to include the latest information regarding the mixture and its constituents.

16.2 Abbreviations and acronyms

ADN: Accord européen relative au transport international des dangereuses par for merchandise voies de navigation intérieures [European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways]

ADR: Accord européen relative au transport international des marchandises dangereuses par route [European Agreement concerning the International Carriage of Dangerous Goods by Road]

ACGIH: American Conference of Governmental Industrial Hygienists

LC50 : Lethal Concentration 50 [Lethal Concentration for 50% of individuals]

CLP: Classification, Labelling and Packaging [Classification, Labelling and Packaging]

CSR : Chemical Safety Report [Chemical Safety Report]

DNEL : Derived no effect level [Derived No Effect Level]

EC50: Median effective concentration [mean effective concentration]

General and / or Misc

16.3 Sources of data<http://esis.jrc.ec.europa.eu><http://echa.europa.eu><http://eur-lex.europa.eu>**16.4 Procedure that was followed for the classification of the product according to Article 9 of Regulation 1272/2008 (CLP)**

No experiments have taken place on the product. The information regarding the classification of the product, as presented in chapter 2.1 of the present SDS, is based on the classification of its constituents, according to the Directive 1999/45/EC (DPD) or 1999/45/EC (DSD).

16.5 Advice for Staff training

No special training is needed for the staff that uses this product except a minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.. Everyone must be fully informed on all the necessary procedures (regular and exceptional) and the safety measures as been described in the present SDS. Those procedures and those measures must be followed every time someone uses this particular product.

Disclaimer: The information contained herein is based on the best knowledge of the compiler of the SDS on the date indicated in the introduction and are presented here in good will and are based on information given to our company by the producers of the constituents of the product as described in their SDS. These information will be updated as soon as we receive new information. That information is intended and solely related only to the product indicated. Therefore, the information may not be relevant in case of combinations or mixtures thereof. Any other use of the product is solely the responsibility of the user, therefore the user must comply

with the current regulations and make sure of the suitability and completeness of the information contained in this SDS; in relation to the specific use that must be made for the product.

TEKTO HELLAS S.A. provides this SDS in good faith and does not express any implied warranty as to its completeness and accuracy. The purpose of this SDS is to be used as a guide for taking appropriate precautions during the handling of the material by a properly trained person. Individuals who receive this information must use their own judgment to determine the suitability for each particular application or purpose. Additionally, the present SDS (including Annex) has been prepared under the requirements of Regulation (EC) 453/2014, based on information available at the indicated date. Additional information obtained in accordance with the timetable as set out in REACH and the relevant Directives (as described in the application programs of REACH) will be added as soon as they become available.