

## ANCHOR ADHESIVE PART A

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier** ANCHOR ADHESIVE**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Resin.**1.3. Details of the supplier of the safety data sheet**EVOCHEM S.A.  
Tzaverdella Place  
133 41 PHILI , ATTICA  
Phone.: 0030 210 5590460 , 0030 210 5590155  
Fax: 0030 210 6254737 , 0030 210 5590244  
info@evochem.gr; vmergoupis@evochem.gr;  
sales@evochem.gr  
www.evochem.gr**1.4. Emergency telephone number:** National Poisoning Center 2107793777**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

<b>Physical hazards</b>	Flam. Liq. 3 - H226
<b>Health hazards</b>	Not Classified
<b>Environmental hazards</b>	Aquatic Chronic 3 - H412

**2.2. Label elements****Pictogram****Signal word** Warning**Hazard statements** H226 Flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.

## ANCHOR ADHESIVE PART A

<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P273 Avoid release to the environment.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Labelling notes</b>	<p>Not classified for health hazards.: On basis of test data.</p> <p>OECD Test No. 439</p>

**2.3. Other hazards****SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>VINYL TOLUENE</b>			<b>10-20%</b>
CAS number: 25013-15-4	EC number: 246-562-2	REACH registration number: 01-2119622074-50	
<b>Classification</b>			
Flam. Liq. 3 - H226			
Acute Tox. 4 - H332			
Skin Irrit. 2 - H315			
Eye Irrit. 2 - H319			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			
<b>TITANIUM DIOXIDE</b>			<b>&gt;0.5 &lt;1.0%</b>
CAS number: 13463-67-7	EC number: 236-675-5	REACH registration number: 01-2119489379-17	
<b>Classification</b>			
Not Classified			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Show this Safety Data Sheet to the medical personnel.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	May cause respiratory irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin irritation/eczema.

## ANCHOR ADHESIVE PART A

**Eye contact** May irritate eyes.

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

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Oxides of carbon.

**5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** No smoking, sparks, flames or other sources of ignition near spillage.

**6.2. Environmental precautions**

**Environmental precautions** Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

**6.4. Reference to other sections**

**Reference to other sections** For waste disposal, see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

**Usage precautions** Do not use in confined spaces without adequate ventilation and/or respirator.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from oxidising materials, heat and flames.

**Storage class** Chemical storage.

**7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure controls/Personal protection****8.1. Control parameters****Occupational exposure limits**

TITANIUM DIOXIDE

## ANCHOR ADHESIVE PART A

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

WEL = Workplace Exposure Limit

VINYL TOLUENE (CAS: 25013-15-4)

**DNEL** Industry - Inhalation; Long term systemic effects: 37 mg/m<sup>3</sup>  
Industry - Inhalation; Long term local effects: 37 mg/m<sup>3</sup>  
REACH dossier information

**PNEC** - Fresh water; 0.0498 mg/l  
- marine water; 0.002 mg/l  
- Intermittent release; 0.013 mg/l  
- STP; 1 mg/l  
- Sediment (Freshwater); 0.684 mg/kg  
- Sediment (Marinewater); 0.0684 mg/kg  
- Soil; 0.133 mg/kg  
REACH dossier information

TITANIUM DIOXIDE (CAS: 13463-67-7)

**DNEL** Industry - Inhalation; Long term systemic effects: 10 mg/m<sup>3</sup>  
REACH dossier information

**PNEC** - Fresh water; 0.127 mg/l  
- marine water; 1.0 mg/l  
- Intermittent release; 0.61 mg/l  
- STP; 100 mg/l  
- Sediment (Freshwater); 1000 mg/kg  
- Sediment (Marinewater); 100 mg/kg  
- Soil; 100 mg/kg  
REACH dossier information

8.2. Exposure controls

## Protective equipment



## Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

## Eye/face protection

The following protection should be worn: Chemical splash goggles.

## Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

## Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

## Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## Respiratory protection

No specific recommendations.

## Environmental exposure controls

Keep container tightly sealed when not in use.

## ANCHOR ADHESIVE PART A

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Beige.
Odour	Aromatic.
Odour threshold	Not determined.
pH	Not applicable.
Melting point	Not determined.
Initial boiling point and range	>165°C @
Flash point	53°C
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	6 hPa @ 20°C
Vapour density	Not determined.
Relative density	1.65 - 1.75 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Insoluble in water
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	> 60 S ISO2431
Explosive properties	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity**

**Reactivity** The following materials may react with the product: Organic peroxides/hydroperoxides.

**10.2. Chemical stability**

**Stability** Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Does not decompose when used and stored as recommended.

**10.4. Conditions to avoid**

## ANCHOR ADHESIVE PART A

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials**

**Materials to avoid** Organic peroxides/hydroperoxides.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Oxides of carbon.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity - inhalation**

**ATE inhalation (vapours mg/l)** 79.18

**Skin corrosion/irritation**

**Skin corrosion/irritation** Not irritating. OECD Test No. 439

**Serious eye damage/irritation**

**Serious eye damage/irritation** Not irritating. OECD Test No. 439

**Inhalation**

Gas or vapour in high concentrations may irritate the respiratory system.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

May cause skin irritation.

**Eye contact**

May irritate eyes.

**Toxicological information on ingredients.****VINYL TOLUENE****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,255.0

**Species** Rat

**ATE oral (mg/kg)** 2,255.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 4,500.0

**Species** Rat

**ATE dermal (mg/kg)** 4,500.0

**Acute toxicity - inhalation**

**ATE inhalation (vapours mg/l)** 11.0

**Carcinogenicity**

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

**SECTION 12: Ecological information****12.1. Toxicity**

Ecological information on ingredients.VINYL TOLUENEAcute aquatic toxicity

**Acute toxicity - fish** LC50, 96 hours: 23.4 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 1.3 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 2.6 mg/l, Selenastrum capricornutum

12.2. Persistence and degradability12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

Ecological information on ingredients.VINYL TOLUENE

**Partition coefficient** log Pow: 3.36

12.4. Mobility in soil

**Mobility** Not applicable.

12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

**Other adverse effects** Not applicable.

**SECTION 13: Disposal considerations**13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

**Disposal methods** Dispose of waste via a licensed waste disposal contractor.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

**SECTION 14: Transport information**14.1. UN number

**UN No. (ADR/RID)** 1866

**UN No. (IMDG)** 1866

**UN No. (ICAO)** 1866

**UN No. (ADN)** 1866

14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** RESIN SOLUTION

## ANCHOR ADHESIVE PART A

Proper shipping name (IMDG) RESIN SOLUTION

Proper shipping name (ICAO) RESIN SOLUTION

Proper shipping name (ADN) RESIN SOLUTION

**14.3. Transport hazard class(es)**

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

**Transport labels****14.4. Packing group**

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant

No.

**14.6. Special precautions for user**

EmS F-E, S-E

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Guidance Workplace Exposure Limits EH40.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.



## ANCHOR ADHESIVE PART A

Inventories

## US - TSCA

All the ingredients are listed or exempt.

**SECTION 16: Other information**

<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Flam. Liq. 3 - H226: On basis of test data. Not irritating. OECD Test No. 439
<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	13/08/2018
<b>Version number</b>	2.001
<b>Supersedes date</b>	09/05/2018
<b>SDS number</b>	20848
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.