



TUBALL COAT_E H₂O 0.2 % (polymeric carboxylic acid)

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 23/01/2017

Revision date: 16/05/2018

Version: 2.2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : TUBALL COAT_E H₂O 0.2 % (polymeric carboxylic acid)

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

1.2.1. Relevant identified uses

Use of the substance/mixture : The modifier used for producing paints and lacquers.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

| Europe: | USA: | Asia: | China | India: |
|---|--|---|---|--|
| OCSiAl Europe S.a.r.l. L-3364, Leudelange, 1, rue de la Poudrerie, Grand Duchy of Luxembourg T +352 27 99 03 73 europe@ocsial.com | OCSiAl LLC 500 S Front St., Suite 860, Columbus, OH 43215, USA T +1 415 906 5271 usa@ocsial.com | OCSiAl Asia Pacific Co., Ltd. Office 208, Pilot Plant Bldg., Incheon Technopark 12 Gaetbeol-ro, Yeonsu-gu, Incheon, 406-840 Republic of Korea T +82 32 260 0407 asiapacific@ocsial.com | OCSiAl Hong Kong Limited Unit 914, 9/F, Miramar Tower, 132 Nathan Road, Tsim Sha Tsui, Kowloon, Hong Kong T +852 3180 9317 china@ocsial.com | OCSiAl PRIVATE LIMITED A504 Universal Business Park, Ansa Industrial Estate, Chandivali, Andheri (E) Mumbai 400072 T +91 22 4120 8615 india@ocsial.com |

1.4. Emergency telephone number

| Europe: | USA: | Asia: | China | India: |
|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| +352 27 99 03 73 09.00-17.00 GMT+2 | +1 415 906 5271 09.00-17.00 GMT-4 | +82 32 260 0407 09.00-17.00 GMT+9 | +852 3180 9317 09:00-17:00; GMT+8 | +91 22 4120 8615 09:00-17:00; GMT+5.5 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : Not classified
Signal word (CLP) : Not classified
Precautionary statements (CLP) : Not classified

2.3. Other hazards

PBT: not yet assessed
vPvB: not yet assessed

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------|--|------|---|
| Water | (CAS No) 7732-18-5 | 99.4 | Not classified |
| Polymeric carboxylic acid | - | 0.4 | Not classified |
| Single wall carbon nanotubes | (EC no) 943-098-9 (REACH-no) 01-2120130006-75 | 0.2 | Eye Irrit. 2, H319 |

Full text of H-phrases: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after skin contact : Wash with plenty of water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. If irritation persists, obtain medical advice.
- First-aid measures after inhalation : Keep patient calm, remove to fresh air, seek medical attention.
- First-aid measures after ingestion : Rinse mouth immediately and then drink plenty of water, seek medical attention.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Not applicable.
- Unsuitable extinguishing media : Not applicable.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not applicable.
- Explosion hazard : Not applicable.
- Hazardous decomposition products in case of fire : Not applicable.

5.3. Advice for firefighters

- Protective equipment for firefighters : No special fire safety measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Avoid contact with skin, eyes and clothes. Ensure adequate ventilation. Evacuate area.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing, gloves and eye/face protection.
- Emergency procedures : Provide adequate ventilation. Evacuate area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6.3. Methods and material for containment and cleaning up

- For containment : Sweep up, shovel or vacuum.
- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Use approved industrial vacuum cleaner for removal. Collect in closed containers for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : None known.
- Precautions for safe handling : Avoid contact with skin, eyes and clothes. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Provide adequate ventilation.
- Storage duration : 6 months.
- Storage conditions : Keep container tightly closed at temperature above +5 °C.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Gloves. Protective clothing.



Hand protection : Wear suitable gloves tested to EN 374 (nitrile-rubber, PVC, neoprene).

Skin and body protection : Safety glasses with side-shields should conform to EN 166/170.

Protective clothing should conform to EN 14605.

Protective clothing: clothing with wrist covers or cuffs.

Protective shoes: S1P or S3. Disposable over-the-shoe booties may be used.

Respiratory protection : Not required for normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid.

Colour : Black

Odour : Odourless

Odour threshold : No data available

pH : 6,0-8,0 at 25 °C

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : 0 °C

Boiling point : 100 °C

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Relative vapour density at 20 °C : No data available ▶

Density : 1.001 g/cm³

Log Pow : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

VOC content : No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidizing agents, strong acids.

10.6. Hazardous decomposition products

Thermal combustion may release carbon monoxide and carbon dioxide.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|------------------|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|---------------------------------|--|
| Regional legislation (waste) | : Dispose of this material and its container to hazardous or special waste collection point. |
| Waste treatment methods | : Disposal through controlled incineration or authorised waste dump. |
| Sewage disposal recommendations | : Prevent entry to sewers and public waters. |

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

No dangerous good in sense of transport regulations

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

| | |
|-------------------------------|---|
| Dangerous for the environment | : No |
| Marine pollutant | No |
| Other information | : No supplementary information available. |

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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14.6.4. Inland waterway transport

No additional information available

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

Not applicable

14.8. Other information

Transportation temperature not lower than +5 °C.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

VOC content : No data available

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

CSA has not been established

SECTION 16: Other information

Full text of H- and EUH-statements:

| | |
|--------------|---|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| H319 | Causes serious eye irritation |

List of Abbreviations:

| | |
|------|---|
| ADN | The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labeling, Packaging |
| CSA | Chemical Safety Assessment |
| IATA | International Air Transport Association |
| IMDG | International Maritime Code for Dangerous Goods |
| PBT | A substance that is persistent, bioaccumulative and toxic |
| RID | Regulation Concerning the International Transport of Dangerous Goods by Rail |
| vPvB | A substance that is very persistent and very bioaccumulative |

Revision : All recent revision(s) are noted by a bold triangle pointed to right '►'.

Disclaimer : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to take the mentioned precautionary measures and to ensure that this information is complete and sufficient for the use of this product.

SDS EU (REACH Annex II)

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