

Product Safety Data Sheet – Artbrick Resin

Classification according to Regulation (EC) No 453/2010

1. CHARACTERISTICS

1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Range: Structherm Finishes

Data sheet applies to:

Artbrick Resin

1.2 INTENDED USE

Intended for general public

Main use category: Professional use, Consumer use

Industrial/Professional use spec: Industrial

Wide dispersive use

For professional use only

1.3 USES ADVISED AGAINST

No additional information available

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

Flam. Liq. 3 H226

Acute Tox. 4 (Dermal) H312

Acute Tox. 4 (Inhalation:dust,mist) H332

Skin Irrit. 2 H315

Full text of H phrases: see section 16

2.2 CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC OR 1999/45/EC

Xn; R20/21

Xi; R38

R10

Full text of R-phrases: see section 16

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)

GHS02



GHS07

Signal Word (CLP):

Hazardous ingredients:

Hazard statements (CLP):

Precautionary Statements:

Warning

Xylene

H226 – Flammable liquid and vapour

H312 + H332 – Harmful in contact with skin or if inhaled

H315 – Causes skin irritation

P102 – Keep out of reach of children

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 – Keep container tightly closed

P241 – Use explosion-proof electrical/ventilating/lighting equipment.

P261 – Avoid breathing vapours, spray, mist

P264 – Wash hands, forearms and face thoroughly after handling

P271 – Use only outdoors or in a well-ventilated area

P280 – Wear protective clothing

P302+P352 – IF ON SKIN: Wash with plenty of water

P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 – Call a doctor if you feel unwell

P321 – Specific treatment (see a doctor on this label)

P332+P313 – If skin irritation occurs: get medical advice/attention.

P362+P364 – Take off contaminated clothing and wash it before reuse.

P370+P278 – In case of fire: Use dry chemical or Carbon Dioxide (CO²). Do not use water jet as this will spread fire. Use water spray to reduce vapours. Keep fire-exposed containers cool with water spray. Wear self contained breathing apparatus.

P403+P235 – Store in a well-ventilated place. Keep cool

P501 – Dispose of contents/container to hazardous or special waste collection point.

2.3 OTHER HAZARDS

No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCE

Not applicable

3.2 MIXTURE

Name	Product Identifier	%	Classification according to Directive 67/548/EEC
Xylene	(CAS No) 1330-20-7 (EC No) 215-535-7 (EC index No) 601-022-00-9	>=70	R10 Xn; R20/21 Xi; R38
Name	Product Identifier	Specific concentration limits	
Xylene	(CAS No) 1330-20-7 (EC No) 215-535-7 (EC index No) 601-022-00-9	(C >= 12.5) Xn;R20/21	
Name	Product Identifier	%	Classification according to Directive 1272/2008 [CLP]
Xylene	(CAS No) 1330-20-7 (EC No) 215-535-7 (EC index No) 601-022-00-9	>= 70	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315

Full text of R- and H-phrases: see section 16

4. FIRST AID MEASURE

4.1 DESCRIPTION OF FIRST AID MEASURES

First aid measures general

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. (show the label where possible).

First-aid measures after inhalation

Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 mins. Immediately call a POISON CENTER or doctor/physician. Wash with plenty of soap and water. Wash contaminated clothing

	before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 DESCRIPTION OF FIRST AID MEASURES

Symptoms/injuries after inhalation	Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.
Symptoms/injuries after skin contact	Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Causes skin irritation.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

5. FIREFIGHTING MEASURES**5.1 EXTINGUISHING MEDIA**

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire hazard	Flammable liquid and vapour.
Explosion hazard	May form flammable/explosive vapour-air mixture.

5.3 ADVICE FOR FIREFIGHTERS

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. First aid measures general. Never give anything by mouth to an unconscious

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

6.1.1 For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4 REFERENCE TO OTHER SECTIONS

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Additional hazards when processed Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No naked lights. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing dust / fume / gas / mist / vapours / spray.

Hygiene measures Wash hands thoroughly after handling.

- 7.2 SPECIFIC END USE(S)**
No additional information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 CONTROL PARAMETERS**
No additional information available

- 8.2 EXPOSURE CONTROLS**
- | | |
|-------------------------------|----------------------------------------|
| Personal protective equipment | Avoid all unnecessary exposure. |
| Hand protection | Wear protective gloves. |
| Eye protection | Chemical goggles or safety glasses. |
| Skin and body protection | Wear suitable protective clothing. |
| Respiratory protection | Wear appropriate mask. |
| Other information | Do not eat, drink or smoke during use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**
- | | |
|--------------------------------------------|-----------------------------|
| Physical state | Liquid |
| Colour | Colourless. |
| Odour | characteristic. |
| Odour threshold | No data available |
| pH | No data available |
| Relative evaporation rate (butylacetate=1) | No data available |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | No data available |
| Flash point | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Flammability (solid, gas) | Flammable liquid and vapour |
| Vapour pressure | No data available |
| Relative vapour density at 20 °C | No data available |

Relative density	No data available
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2 OTHER INFORMATION

No additional information available.

10. STABILITY AND REACTIVITY**10.1 REACTIVITY**

No additional information available

10.2 CHEMICAL STABILITY

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Not established.

10.4 CONDITIONS TO AVOID

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5 INCOMPATIBLE MATERIALS

Strong acids. Strong bases.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

11. TOXICOLOGICAL INFORMATION**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

Acute toxicity Harmful in contact with skin. Harmful if inhaled.

ATE CLP (Dermal)	1100.000 mg/kg bodyweight
ATE CLP (Dust,mist)	1.500mg/l/4h

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Not classified
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Not classified
Based on available data, the classification criteria are not met.

Germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met.
Carcinogenicity	Not classified Based on available data, the classification criteria are not met.
Reproductive toxicity	Not classified Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	No classified Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	No classified. Based on available data, the classification criteria are not met
Aspiration hazard	Not classified Based on available data, the classification criteria are not met.
Potential Adverse human health effects and symptoms :	Harmful in contact with skin. Harmful if inhaled.

12. ECOLOGICAL INFORMATION

12.1 TOXICITY

No additional information available

12.2 PERSISTENCE AND DEGRADABILITY

HD	
Persistence and degradability	Not established
Xylene (1330-20-7)	
Persistence and degradability	Not established

12.3 BIOACCUMULATIVE POTENTIAL

HD	
Bioaccumulative potential	Not established
Xylene (1330-20-7)	
Bioaccumulative potential	Not established

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

Avoid release to the environment

13. DISPOSAL CONSIDERATIONS
13.1 WASTE TREATMENT METHODS

Waste disposal recommendations

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container via proper waste classification and disposal methods.

Additional information

Handle empty containers with care because residual vapours are flammable.

Ecology – waste materials

Avoid release to the environment

14. TRANSPORT INFORMATION

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

14.1 UN NUMBER

1307 accordance

14.2 UN PROPER SHIPPING NAME

ADR XYLENES

IMDG XYLENES

IATA XYLENES

ADN XYLENES

RID XYLENES

14.3 TRANSPORT HAZARD CLASS(ES)

ADR 3 flammable liquids

IMDG 3 flammable liquids

IATA 3 flammable liquids

ADN 3 flammable liquids

RID 3 flammable liquids

14.4 PACKING GROUP

ADR III

IMDG III

IATA III

ADN III

RID III

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****14.6.2 Transport by sea**

14.6.3 Air transport**14.6.4 Inland waterway transport**

Not subjected to ADN : No

14.6.5 Rail transport

Carriage prohibited (RID) : No

Not applicable

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

Contains no REACH candidate substance

15.1.2 National regulations

No additional information available

15.2 CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out

16. OTHER INFORMATION

Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information

None

Full text of R-, H- and EUH Phrases:

Acute Tox. 4 (dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H226	Flammable liquid and vapour
H312	Harmful in contact with skin
H315	Causes skin irritation
H332	Harmful if inhaled

R10	Flammable
R20/21	Harmful by inhalation and in contact with skin
R38	Irritating to skin
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

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.