

Product Artbrick Release Oil
 Revision date 15 August 2022
 Revision 1



Safety Data Sheet (SDS)
 according to Regulation (EC) No. 1907/2006

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

1.1 Product identifier

Product name Artbrick Release Oil
Product no. F-ABR-RO
Other means of identification No information available.

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

Identified uses Use as a release agent in the production of Artbrick render finish.
 For professional use only.
Uses advised against Any other purpose.

1.3 Details of the supplier of the safety data sheet

Supplier Structherm Ltd
 Bent Ley Rd
 Meltham
 Holmfirth
 West Yorkshire HD9 4AP
 United Kingdom
 Tel: 01484 850098 (8:30am - 5pm Mon-Thurs, 8:30am - 3pm Friday)
 info@structherm.co.uk
Contact person

1.4 Emergency telephone number

Emergency telephone 01484 850098 (8:30am - 5pm Mon-Thurs, 8:30am - 3pm Friday)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)
 Physical and chemical hazards Flam. Liq 3- H226
 Human health STOT SE 3 - H336, Asp. Tox - H304
 Environment Not classified

2.2 Label elements

Contains Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
 White mineral oil (petroleum)

Label in accordance with (EC) no. 1272/2008



Signal word Danger

Hazard statements H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H336 May cause drowsiness or dizziness.

Precautionary statements **Prevention**
 P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.

P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.

Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.

Storage

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

EUH statements

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None known.

Section 3: Composition/information on ingredients

3.1 Substance

Not applicable.

3.2 Mixtures

Name	Product identifier	Regulation (EC) No 1272/2008	%
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: EC No.: 919-857-5	Asp. Tox - H304, Flam. Liq 3- H226, STOT SE 3 - H336	70-90%
White mineral oil (petroleum)	CAS-No.: 8042-47-5 EC No.: 232-455-8	Asp. Tox - H304	20-30%

The full text for all hazard statements are displayed in section 16.

Composition comments

The data shown is in accordance with (EC) No 1907/2006, as amended by UK SI 2019/758. NOTE: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. Related CAS number: 64742-48-9. Benzene may be present but always below 0.1%.

Section 4: First aid measures

4.1 Description of first aid measures

General information

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue. Show this safety data sheet or product label to medical personnel.

Inhalation

If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately.

Skin contact

If this product contacts the skin, immediately flush the affected area with plenty of clean running water for at least fifteen (15) minutes. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing.

Eye contact

Do not rub eye. Avoid contaminating unaffected eye. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses if present and easy to do so. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Can cause central nervous system (CNS) depression. Vapors may cause drowsiness and dizziness. May cause nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, or unconsciousness. May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Ingestion

Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways. Harmful: may cause lung damage if swallowed.

Skin contact	Pneumonia may be the result if vomited material containing solvents reaches the lungs.
Eye contact	Repeated exposure may cause skin dryness or cracking. May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to the physician	Potential for chemical pneumonitis. Treat symptomatically.
-------------------------------	--

Section 5: Firefighting measures

5.1 Extinguishing media

Extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	During fire, gases hazardous to health may be formed. Combustion products may include and are not limited to: Oxides of carbon. Aldehydes. Hydrocarbons.
Unusual fire & explosion hazards	Flammable liquid and vapor. In a fire, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. Solvent vapours may form explosive mixtures with air.
Specific hazards	Vapours may be ignited by a spark, a hot surface or an ember. Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special fire fighting procedures	Keep up-wind to avoid fumes. Avoid breathing fire vapours. Ventilate closed spaces before entering them. If possible, fight fire from protected position. Containers close to fire should be removed immediately or cooled with water if safe to do so.
Protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Eliminate all sources of ignition. Keep unnecessary and unprotected personnel from entering. Avoid inhalation of vapours and contact with skin and eyes. Spilled material may cause a slipping hazard. Read and follow manufacturer's recommendations.
For emergency responders	Follow safe handling advice and personal protective equipment recommendations for normal use of product.

6.2 Environmental precautions

Environmental precautions	Do not discharge into drains, water courses or onto the ground. Prevent material from entering sewers, waterways, or low areas.
----------------------------------	---

6.3 Methods and material for containment and cleaning up

Spill clean up methods	Ventilate and evacuate the area. Eliminate all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Stop leak if possible without risk. Use non-sparking tools or equipment for clean up. Cover drains. Absorb spillage with non-combustible, absorbent material - sand. In case of a large scale of spill, dyke area with sand to stop the spill spreading. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Flush with plenty of water to clean spillage area. Wash thoroughly after dealing with a spillage.
-------------------------------	---

6.4 Reference to other sections

Reference to other sections	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
------------------------------------	--

Section 7: Handling and storage**7.1 Precautions for safe handling**

Handling	Use proper personal protection when handling (refer to Section 8). Keep away from heat, sparks and open flame. Provide good ventilation. Avoid inhalation of vapours and contact with skin and eyes. Avoid prolonged or repeated contact. Do not wear contact lenses. Do not mix with other chemicals. Do not eat, drink or smoke when using the product. Formation of sparks and static electricity must be prevented. Ground equipment and use explosion-proof electrical equipment. Read and follow manufacturer's recommendations.
-----------------	---

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions	Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep away from incompatible materials (see section 10). Suitable containers: Mild steel. Stainless steel.
Storage class	Flammable liquid storage.

7.3 Specific end use(s)

Specific end use(s)	The identified uses are in section 1 of this Safety Data Sheet.
Usage description	Use only according to directions. Replace and tighten cap after use.

Section 8: Exposure controls/Personal protection**8.1 Control parameters**

Ingredient comments	U.K., Workplace Exposure Limits EH40/2005 (Fourth Edition, 2020). No exposure limits noted for ingredient(s). NOTE - Advisory OEL for HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CEFIC-HSPA): 1200 mg/m ³ . NOTE - Supplier advisory OEL for oil mist: < 5mg/m ³ .
----------------------------	---

8.2 Exposure Controls**Protective equipment**

Engineering measures	Provide adequate ventilation, including appropriate local extraction. Where necessary use lighting and electrical equipment designed for use in atmospheres where flammable vapours are present, and which can direct static electricity by grounding equipment.
Respiratory equipment	Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN143 should be used, and suitable respirator cartridges as a backup to engineering controls. Type A/organic vapour protective components recommended. ABEK (EN 14387). Consult manufacturer for specific advice. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).
Hand protection	Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Gloves must be inspected prior to use. (Suggested suitable materials for longer, direct contact or splash contact) Nitrile rubber. Minimum layer thickness: > 0.7 mm. Breakthrough time: >480 minutes. Consult manufacturer for specific advice. Use proper glove removal technique (without touching

Eye protection	glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).
Other protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist. The selected clothing must satisfy the European norm standard EN 943.
Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash hands and / or face before breaks and at the end of the shift. Wash promptly if skin becomes wet or contaminated.
Process conditions	Use only according to directions. Ensure that eye flushing systems and safety showers are located close by in the work place.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Mild, hydrocarbon odor.
Odour threshold - lower	No information available as testing has not been completed.
Odour threshold - upper	No information available as testing has not been completed.
pH-Value, Conc. Solution	No information available as testing has not been completed.
pH-Value, Diluted solution	No information available as testing has not been completed.
Melting point	No information available as testing has not been completed.
Initial boiling point and boiling range	150 - 205°C (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Flash point	42°C (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Evaporation rate	No information available as testing has not been completed.
Flammability state	Flammable liquid and vapour.
Flammability limit - lower(%)	0.6 (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Flammability limit - upper(%)	6.5 (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Vapour pressure	No information available as testing has not been completed.
Vapour density (air=1)	No information available as testing has not been completed.
Relative density	No information available as testing has not been completed.
Bulk density	Not applicable as the product is a liquid.
Solubility	Insoluble in water.
Decomposition temperature	No information available as testing has not been completed.
Partition coefficient; n-Octanol/Water	No information available as testing has not been completed.
Auto ignition temperature (°C)	>230°C (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Viscosity	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics: 1.25 mm ² /s @ 25°C. White Mineral Oil (petroleum): Kinematic Viscosity at 40°C ~ 15 cSt.
Explosive properties	The product is not classified as explosive.
Oxidising properties	The product does not meet the criteria to be classified as oxidising.

9.2 Other information

Molecular weight	The product is a mixture, molecular weight data is not required.
Volatile organic compound	No information available as testing has not been completed.
Other information	None noted.

Section 10: Stability and reactivity**10.1 Reactivity**

Reactivity	Flammable liquid and vapour. See section 10.3 for further information.
-------------------	--

10.2 Chemical stability

Stability	Stable product under recommended storage and handling conditions.
------------------	---

10.3 Possibility of hazardous reactions

Hazardous reactions	Flammable vapours may form explosive mixtures with air.
Hazardous polymerisation	Will not polymerise.
Polymerisation description	Unknown.

10.4 Conditions to Avoid

Conditions to avoid	Heat, sparks, flames and other sources of ignition.
----------------------------	---

10.5 Incompatible materials

Materials to avoid	Avoid strong oxidising agents, bases, strong acids.
---------------------------	---

10.6 Hazardous decomposition products

Hazardous decomposition products	Decomposition products can include and are not limited to: Oxides of carbon. Aldehydes. Hydrocarbons.
---	---

Section 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

Toxicological information	Not classified based on available information.
Acute toxicity (Oral LD50)	No information available as testing has not been completed.
Acute toxicity (Dermal LD50)	No information available as testing has not been completed.
Acute toxicity (Inhalation LD50)	No information available as testing has not been completed.
Serious eye damage/irritation	Product is not classified as an eye irritant.
Skin corrosion/irritation	The product is not classified as a skin corrosion/irritation hazard.
Respiratory sensitisation	The product is not classified as a respiratory hazard.
Skin sensitisation	The product is not classified as a skin sensitisation hazard.
Germ cell mutagenicity	The product is not classified as a mutagen.
Carcinogenicity	The product is not classified as a carcinogen hazard.
Specific target organ toxicity - Single exposure:	
STOT - Single exposure	The product is classified as a single exposure specific target organ toxin.
Specific target organ toxicity - Repeated exposure:	
STOT - Repeated exposure	The product is not classified as a repeat exposure specific target organ toxin.
Inhalation	Can cause central nervous system (CNS) depression. Vapors may cause drowsiness and dizziness. May cause nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, or unconsciousness. May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Ingestion	Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be

Skin contact	fatal if swallowed and enters airways. Harmful: may cause lung damage if swallowed.
Eye contact	Pneumonia may be the result if vomited material containing solvents reaches the lungs.
Waste management	Repeated exposure may cause skin dryness or cracking. May cause temporary eye irritation.
Routes of entry	When handling waste, consideration should be made to the safety precautions applying to handling of the product. Since emptied containers contain product residue, follow label warnings even after container is emptied.
Target organs	Eye and skin contact, ingestion or inhalation. Skin, digestive system, respiratory system, central nervous system.
Aspiration hazards:	The product is classified as an aspiration hazard.
Reproductive toxicity:	The product is not classified as a reproductive hazard.

11.2 Information on other hazards

Information on other hazards	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Repeated or prolonged overexposure to solvents can cause brain or other nervous system damage.
-------------------------------------	---

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	No information available as testing has not been completed.
Acute toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Acute toxicity - Aquatic plants	No information available as testing has not been completed.
Acute toxicity - Microorganisms	No information available as testing has not been completed.
Chronic toxicity - Fish	No information available as testing has not been completed.
Chronic toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Chronic toxicity - Aquatic plants	No information available as testing has not been completed.
Chronic toxicity - Microorganisms	No information available as testing has not been completed.
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Eco toxicological information	No ecological toxicity available on the overall finished product.

12.2 Persistence and degradability

Degradability	The product is readily biodegradable.
Biological oxygen demand	No information available as testing has not been completed.
Chemical oxygen demand	No information available as testing has not been completed.

12.3 Bioaccumulative potential

Bioaccumulative potential	Low potential for bioaccumulation.
Bioaccumulation factor	No information available as testing has not been completed.
Partition coefficient; n-Octanol/Water	No information available as testing has not been completed.

12.4 Mobility in soil

Mobility	The product is insoluble in water and will spread on the water surface.
-----------------	---

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substances.
---	--

12.6 Endocrine disrupting properties

Endocrine disrupting properties	The product does not contain any substances with endocrine disrupting properties at a concentration above or equal to 0.1%.
--	---

12.7 Other adverse effects

Other adverse effects None known.

Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	LC50 96 Hours >1000.00ppm Onchorhynchus mykiss (Rainbow Trout)	EC50 48 Hours >1000.00ppm Daphnia magna	
White mineral oil (petroleum)	LC50 96 Hours >40000.00ppm Onchorhynchus mykiss (Rainbow Trout)		LC50 72 Hours 100.00ppm Scenedesmus Subspicatus

Section 13: Disposal considerations

Waste management When handling waste, consideration should be made to the safety precautions applying to handling of the product. Since emptied containers contain product residue, follow label warnings even after container is emptied.

13.1 Waste treatment methods

Disposal methods Dispose of waste and residues in accordance with local authority requirements, and in accordance with all local, national and international regulations. For waste disposal, use a licensed industrial waste disposal agent.

Section 14: Transport information**14.1 UN number or ID number**

UN no. (ADR) UN3295
UN no. (IMDG) UN3295
UN no. (IATA) UN3295

14.2 UN proper shipping name

ADR proper shipping name HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
IMDG proper shipping name HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
IATA proper shipping name HYDROCARBONS, LIQUID N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

14.3 Transport hazard class(es)

ADR class 3
IMDG class 3
IATA class 3

Transport labels

**14.4 Packing group**

ADR/RID/ADN packing group III
IMDG packing group III
IATA packing group III

14.5 Environmental hazards

ADR No
IMDG No
IATA No

14.6 Special precautions for user

EMS F-E, S-D

Emergency action code	A3 A324
Hazard no. (ADR)	30
Tunnel restriction code	(D/E)

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15: Regulatory information

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

legislation	REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019.
Approved code of practice	EH40/2005 Workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended). [Fourth Edition, 2020].

15.2 Chemical safety assessment

Chemical safety assessment	No chemical safety assessment has been carried out.
-----------------------------------	---

Section 16: Other information

General information	REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019. EH40/2005 Workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended). [Fourth Edition, 2020].
Revision comments	This is a first issue.
Revision date	15 August 2022
Revision	1
Safety data sheet status	Approved.

Hazard statements in full

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

Disclaimer

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. Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.