

1. Product and Company Identification

1.1 Product Identification

Trade name – OBEX CORTEX 0840 Class E Rain-screen Membrane

1.2 Relevant identified uses of the sub-stance/mixture

Roofing and Walling rainscreen membrane

1.3 Company Identification

OBEX Protection Ltd

Unit 5

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WR5 2QR

Tel (including for emergencies): 01905 337800

(Mon – Fri 7am – 5pm)

Email: sales@obexuk.com

2. Hazards Identification

2.1 Product classification

The product is not classed as hazardous to humans or the environment.

2.2 Label Elements

Hazard pictograms and signal words:

None

Hazard Statements: None

Precautionary Statements: None

2.3 Other Hazards

The product contains less than 0.5% 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8), which in very sensitive people may cause allergic skin reactions and respiratory tract sensitization, including difficulties in breathing. Components of the product do not meet the criteria of PBT or vPvB sub-stance in accordance with Annex XIII of REACH Regulation. The product does not contain substances included

in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1% by weight.

3. Composition / Information on Ingredients

3.1 Composition

A three-layer membrane with a base layer of polypropylene non-woven, a middle functional layer of polypropylene film, and a top layer of polypropylene non-woven.

According to art. 2 REACH the product is classified as an article without intended release.

4. First Aid Measures

Skin contact: Take off contaminated clothing and wash it before next use. Wash the contaminated skin thoroughly with plenty of water. Consult a doctor, if disturbing symptoms occur.

Eye contact: Rinse contaminated eyes with water for 10- 15 minutes with eyelids open. Protect the non-irritated eye. Remove con-tact lenses. Contact an ophthalmologist, if disturbing symptoms occur.

Ingestion: Exposure by this route usually does not occur.

Inhalation: Exposure by this route usually does not occur.

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

Eye contact: No reports of undesirable effects or critical hazards with correct use of the product.

Skin contact:
In very sensitive people it may cause an allergic reaction (diisocyanates).

Ingestion: Exposure by this route usually does not occur.

Inhalation: Exposure by this route usually does not occur.

5. Fire Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media: Adapt the extinguishing media to the surrounding burning materials.

5.2 Special hazards arising from the sub-stance or mixture:

The product burns slowly with a low concentration of black smoke and other organic sub-stances. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters:

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water fog from safe distance. Prevent the extinguishing water from entering drainage system, surface or ground water.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

For persons not belonging to the personnel eliminating the consequences of the accident: Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. For people who eliminate the consequences of a failure: Ensure that only the trained personnel remove the effects of the accident. Wear personal

protective equipment.

6.2 Environmental precautions:

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up:

Limit and secure the contaminated area. Pick up mechanically. Clean the contaminated area.

6.4 Reference to other sections:

Appropriate conduct with waste product – section

7. Handling and Storage

7.1 Personal precautions, protective equipment and emergency procedures:

Handle in accordance with good occupational hygiene and safety practices. Before break and after work wash hands carefully.

7.2 Conditions for safe storage, including any incompatibilities:

Store in dry place. Keep away from food, animal feed.

7.3 Specific end use(s):

No information about uses other than mentioned in subsection 1.2.

8. Exposure Controls / Personal Protection

8.1 Control parameters:

There are no occupational exposure limit values at working place for the substances pre-sent in the mixture at the European Union level. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU, 2019/1831/EU.

8.2 Exposure controls:

Observe good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product.

Skin protection: Under normal conditions it is not required.

Eye protection: Under normal conditions, eye protection is not required.

Respiratory protection: Under normal conditions, respiratory protection is not required.

Thermal hazards: Not applicable.

Environmental exposure controls: Avoid dumps to the environment, do not empty into sewers.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	White
Odour	Odourless
Melting point/freezing point	Not determined
Boiling point and boiling range	Not applicable
Flammability	Not applicable
Lower and upper explosion limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Insoluble in water
Partition coefficient octanol/water (log val-ue)	Not determined

9.2 Other information:

There are no additional test results.

10. Stability and Reactivity

10.1 Reactivity:

It does not undergo hazardous polymerization.

10.2 Chemical stability:

The product is stable when properly used and stored.

10.3 Possibility of hazardous reactions:

Not known.

10.4 Conditions to avoid:

Not known.

10.5 Incompatible materials:

Not known.

10.6 Hazardous decomposition products:

Not known.

11. Toxicological Information

11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined based on the information on product's classification and/ or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute oral toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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

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

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproduction toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Information on likely routes of exposure: Routes of exposure: eye contact, skin contact. For more information – see subsection 4.2.

Symptoms related to the physical, chemical and toxicological characteristics: No data.
Delayed and immediate effects as well as chronic effects from short and long-term exposure: The product under conditions of normal use does not show any acute or long-term negative effects on human health.

Effects of interaction: They are not known.

11.2 Information on other hazards

Endocrine disrupting properties: The components of the mixture are not assessed as endocrine disrupting substances.

Other information: No data.

12. Ecological Information

The product has not been classified as hazardous to the environment.

12.2 Persistence and degradability

No data.

12.3 Bioaccumulative potential:

The product does not bioaccumulate.

12.4 Mobility in soil:

Product's mobility in soil low; the product is insoluble in water.

12.5 Results of PBT and vPvB assessment:

Components of the product do not meet the criteria of PBT or vPvB substance in accordance with Annex XIII of REACH Regulation.

12.6 Endocrine disrupting properties:

The components of the mixture are not assessed as endocrine disrupting substances.

12.7 Other adverse effects:

Product has no influence on global warming and destruction of the ozone layer.

13. Disposal Considerations

13.1 Waste treatment methods:

Disposal methods for the mixture: disposal in accordance with the local legislation. Do not remove with municipal waste. Store remains in original containers. Recycling is recommended if possible.

Disposal methods for used packing: re-use/ recycle/eliminate empty containers in accordance with the local legislation. Only completely empty containers can be re-used.

14. Transport considerations

14.1 UN number or ID number:

Not applicable. The product is not classified as dangerous in transport.

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:

Not applicable.

14.6 Special precautions for user:

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments:

Not applicable.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended. 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 (Text with EEA relevance) as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance). Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and

repealing certain Directives as amended. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended. Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Text with EEA relevance). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC. Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU. Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

15.2 Chemical safety assessment:

The product is an article - not applicable.

16. Other Information

Abbreviations and acronyms:

PBT - Persistent, Bioaccumulative and Toxic substance

vPvB - very Persistent, very Bioaccumulative substance

Training: Before commencing work with the product, the user should learn the Health & Safety

regulations, regarding handling chemicals, and undergo a proper workplace training.

Key literature references and data sources:

This SDS was prepared based on sheets of the individual components, literature data, online databases (e.g. ECHA, TOXNET, COSING) as well as our knowledge and experience, considering current legislation.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and of improper compliance with the law norms in the field.