

1: Identification Of The Substance/ Mixture And Of The Company/ Undertaking

- 1.1 Product identifier:** Trade name OBEX CORTEX 0520FR Class B Breather Membrane
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: roofing and walling underlays/breather membranes
Uses advises against: undefined.
- 1.3 Details of the supplier of the safety data sheet:**
Company Identification
OBEX Protection Ltd
Unit 5
St. Modwen Park
Norton Road
Broomhall
Worcester
WR5 2QR
Tel (including for emergencies): 01905 337800
(Mon – Fri 7am – 5pm)
Email: sales@obexuk.com

2: Hazards Identification

- 2.1 Classification of the substance or mixture**
The product is not classified as hazardous to human health and life and to 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 substance 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 Substances:**
A two-layer roof membrane with a layer of thermoplastic polyurethane TPU.
- Pursuant to Art. 2 REACH the product is classified as an article with no intended release. The product includes in its composition less than 0.5% 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8).

4: First-Aid Measures

- 4.1 Description of 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 contact 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.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

5: Firefighting Measures**5.1 Extinguishing media:****Suitable extinguishing media:**

Adapt the extinguishing media to the surrounding burning materials.

5.2 Special hazards arising from the substance or mixture:

The product burns slowly with a low concentration of black smoke and release of carbon monoxide and other organic substances. 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 Measure**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 removes 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 13. Personal protection equipment – section 8.

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 Control And Personal Protection

8.1 Control parameters:

There are no occupational exposure limit values at working place for the substances present 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

Black

Odour

Odourless

Melting point/freezing point

Not determined

Boiling point or initial 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 n-octanol/water (log value)

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 on the basis of 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, but due to the content of 4,4'-methylenediphenyl diisocyanate (CAS 101-68-8) in very sensitive individuals it can cause allergic skin reactions and respiratory sensitization, including breathing difficulties.

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.

11.1 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

12.1 Toxicity

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 Consideration

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: reuse/recycle/eliminate empty containers in accordance with the local legislation. Only completely empty

containers can be reused. Section 14: Transport information

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

15.1 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.

from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

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 in particular, undergo a proper workplace training.

Key literature references and data sources:

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases (e.g. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account 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