

Section 1: Identification of the mixture and of the company

1.1 Product identifier:

Product name: OBEX CORTEX 0769 Paste Adhesive

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

Sealant

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: Obex Protection Ltd

Unit 5 Indurent Park

Norton Road

Worcester

WR5 2QR

Tel (including for emergencies): 01905 337800 (Mon-Fri 7am-5pm)

Fax: 01905 337186

Email: sales@obexuk.com

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

The product is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008

2.2 Label elements:

EUH Statements:

EUH208 Contains trimethoxyvinylsilane; trimethoxy(vinyl)silane. May produce an allergic reaction.

EUH210 Safety data sheet available on request

2.3 Other hazards:

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

Section 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

trimethoxyvinylsilane	0.1 - 0.99 %
CAS number: 2768-02-7	REACH registration number: 01-2119513215-52-XXXX
EINECS: 220-449-8	
Classification	
Skin Sens. 1B	H317

(2) Calcium Carbonate	50 - 99.99%
CAS number: 1317-65-3 EINECS: 215-279-6	
(2) di-<i>n</i>-isononyl phthalate	10 - 24.99%
CAS number: 28553-12-0 ELINCS: 249-079-5	
REACH registration number: 2119430798-28-XXXX	
(2) Titanium dioxide	0 - 2.49%
CAS number: 13463-67-7 EINECS: 236-675-5	
REACH registration number: 2119489379-17-XXXX	

Additional information: For the wording of the listed hazard phrases refer to section 16.

(2) Substance with a national workplace exposure limit

Section 4: First-aid measures

4.1 Description of first-aid measures

General information:

No special measures required.

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Generally the product does not irritate the skin. Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Do not induce vomiting; call for medical help immediately.

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

No known acute or delayed effects from exposure to the product

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

Treat symptomatically

Section 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet.

- 5.2 Special hazards arising from the substance or mixture:**
During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters:**
Protective equipment: Mouth respiratory protective device.

Section 6: Accidental release measure

- 6.1 Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away. Do not breathe gas / fumes / vapour / spray. Ensure adequate ventilation.
- 6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course. Do not allow to enter sewers / surface or ground water.
- 6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7: Handling and storage

- 7.1 Precautions for safe handling:**
Store in cool, dry place in tightly closed receptacles. No special precautions are necessary if used correctly. Ensure good ventilation / exhaustion at the workplace.
Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.
- 7.2 Conditions for safe storage, including any incompatibilities:**
Requirements to be met by storerooms and receptacles:
Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
- 7.3 Specific end use(s)**
No further relevant information available.

Section 8: Exposure control and personal protection

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit Value	PPM	mg/m3
Calcium Carbonate	1317-65-3	United Kingdom [1]	Eight hours		10 (total inhalable) 4 (respirable)
			Short term		
		Éire [2]	Eight hours		10 (inhalable dust) 4 (respirable dust)
			Short term		
		United States [3] (Cal/OSHA)	Eight hours		10 (Total dust) 5 (Respirable fraction)
		Short Term			
		United States [4] (NIOSH)	Eight hours		10 (Total dust) 5 (Respirable fraction)
			Short Term		
		United States [5] (OSHA)	Eight hours		15 (Total dust) 5 (Respirable fraction)
			Short Term		
di-isononyl phthalate	28553-12-0	United Kingdom [1]	Eight hours		5
			Short Term		
		Éire [2]	Eight hours		5
			Short Term		
Titanium dioxide	13463-67-7	United Kingdom [1]	Eight hours		10 (total inhalable)
			Short Term		
		Éire [2]	Eight hours		10 (Inhalable dust) 4 (Respirable dust)
			Short Term		

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

[2] According Code of Practice for the Safety, Health and Welfare at Work (Chemicals Agents) Regulations adopted by Health and Safety Authority (HSA).

[3] California Division of Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).

[4] According Compendium of Policy Documents and Statements adopted by National Institute for Occupational Safety and Health (NIOSH).

[5] According Occupational Health and Safety Standards and US Code of Federal Regulations adopted by US Occupational Safety and Health Administration (OSHA).

The product does NOT contain substances with Biological Limit Values. Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
di- ² -isononyl phthalate CAS No: 28553-12-0 EC No: 249-079-5	DNEL (Workers)	Inhalation, Chronic, Systemic effects	51,72 (mg/m ³)
Titanium dioxide CAS No: 13463-67-7 EC No: 236-675-5	DNEL (Workers)	Inhalation, Chronic, Local effects	10 (mg/m ³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration: 100 %

Uses: ADHESIVE-SEALANT

Breathing protection: If the recommended technical measures are observed, no individual protection equipment is necessary.

Hand protection: If the product is handled correctly, no individual protection equipment is necessary.

Eye protection: If the product is handled correctly, no individual protection equipment is necessary.

PPE: Work footwear. Characteristics: «CE» marking, category II. CEN standards: EN ISO 13287, EN 20347

Maintenance: This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.

Observations: Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form

Paste

Colour

Various colours

Odour

Characteristic

pH-value at 20°C

N/A

Change in condition

Melting point/freezing point - Not determined
Initial boiling point and boiling range - Not determined

Flash point

>200°C

Flammability (solid, gas)

Not applicable

Decomposition temperature

Not determined

Auto-ignition temperature

Product is not selfigniting

Explosive properties

Product does not present an explosion hazard

Vapour pressure

Not determined

Density at 20°C1.44 g/cm³**Relative density**

Not determined

Vapour density

Not determined

Solubility in/Miscibility with water

Not miscible or difficult to mix

Partition coefficient: n-octanol/water

Not determined

Viscosity:	Dynamic at 20°C:	Kinematic:
	200000 mPas	Not determined

Solvent content: VOC (EC)

20 g/l 2.00%

9.2 Other information:

No further relevant information available.

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

No further relevant information available.

10.2 Chemical stability:

Stable under the recommended handling and storage conditions (see section 7)

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products:

Depending on conditions of use, the following products can be generated:

- CO_x (carbon oxides)
- Organic compounds
- Aromatic compounds

Section 11: Toxicological information

11.1 Information on toxicological effects**Acute toxicity**

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

Primary irritant effect:**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.

Reproductive 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.

Section 12: Ecological information

12.1 Toxicity:

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Not known to be hazardous to water. Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

12.6 Endocrine disrupting properties

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects

No further relevant information available.

Section 13: Disposal considerations

13.1 Waste treatment methods:

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue:

Follow the provisions of Directive 2008/98/EC regarding waste management.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Section 14: Transport information

14.1 UN-Number:

ADR, ADN, IMDG, IATA - Not applicable

- 14.2 UN proper shipping name:**
ADR, ADN, IMDG, IATA - Not applicable
- 14.3 Transport hazard class(es):**
ADR, ADN, IMDG, IATA Class - Not applicable
- 14.4 Packing group:**
ADR, IMDG, IATA - Not applicable
- 14.5 Environmental hazards:**
Not applicable
- 14.6 Special precautions for user:**
Not applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code - Not applicable**
- UN "Model Regulation" - Not applicable**

Section 15: Regulatory information

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

VOC content (p/p): 0.9%

VOC content: 12.6 g/l

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
52. The following phthalates (or other CAS-and EC numbers covering the substance): (a) Di-'isononyl' phthalate (DINP) CAS No 28553-12-0 and 68515-48-0 EC No 249-079-5 and 271-090-9 (b) Di-'isodecyl' phthalate (DIDP) CAS No 26761-40-0 and 68515-49-1 EC No 247-977-1 and 271-091-4 (c) Di-'n-octyl' phthalate (DNOP) CAS No 117-84-0 EC No 204-214-7	1. Shall not be used as substances or in mixtures, in concentrations greater than 0,1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children. 2. Such toys and childcare articles containing these phthalates in a concentration greater than 0,1 % by weight of the plasticised material shall not be placed on the market. 3.- 4. For the purpose of this entry 'childcare article' shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Section 16: Other information

Complete text of the H phrases that appear in section 3:

H317 - May cause an allergic skin reaction.

Classification codes:

Skin Sens. 1B : Skin sensitiser, Category 1B

Changes regarding to the previous version:

- Changes in the composition of the product (SECTION 3.2).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Modification of the information of the stability and reactivity conditions (SECTION 10.6).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is recommended that the product only be employed for the purposes advised.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

PPE: Personal protection equipment.

Key literature references and sources for data: <http://eur-lex.europa.eu/homepage.html> <http://echa.europa.eu/>
Regulation (EU) 2020/878. Regulation (EC) No 1907/2006. Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).