

according to Regulation (EC) No 1907/2006

Xtragrip - mirror adhesive

Revision date: 26.02.2018

Product code: BO6002005S

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Xtragrip - mirror adhesive

Further trade names

BO 6002005S, 310 ml

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

adhesive

1.3. Details of the supplier of the safety data sheet

Company name: BOHLE AG
Street: Dieselstr. 10
Place: D-42781 Haan
Telephone: +49 2129 5568-0
e-mail: info@bohle.de
Contact person: Klaus Nehren
e-mail: MSDS@bohle.de
Internet: www.bohle-group.com
Responsible Department: Chemie
Telefax: +49 2129 5568-282
Telephone: +49 2129 5568-276

1.4. Emergency telephone number:

Only available during office hours. +49 2129 5568-276

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements**Hazard components for labelling**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

adhesive

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
2768-02-7	Trimethoxyvinylsilane			<5%
	220-449-8		01-2119513215-52	
	Flam. Liq. 3, Acute Tox. 4; H226 H332			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No special measures are necessary.

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After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Rinse mouth. Call a doctor if you feel unwell.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media

 Carbon dioxide (CO₂), Extinguishing powder, Water spray jet, alcohol resistant foam

5.2. Special hazards arising from the substance or mixture

Carbon monoxide, Hydrogen chloride (HCl)

5.3. Advice for firefighters

Standard procedure for chemical fires.

SECTION 6: Accidental release measures
6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Advice on safe handling

None under normal processing.

When using, do not eat, drink or smoke.

Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels

Store in a dry place. Store in a closed container.

Advice on storage compatibility

Keep away from heat and sources of ignition. Keep away from: oxidizing agents

Further information on storage conditions

Protect from frost, heat and sunlight.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
2768-02-7	Trimethoxyvinylsilane			
Worker DNEL, long-term		inhalation	systemic	4,9 mg/m ³
Worker DNEL, long-term		dermal	systemic	0,69 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,04 mg/m ³
Consumer DNEL, long-term		oral	systemic	0,3 mg/kg bw/day
Consumer DNEL, acute		inhalation	systemic	93,4 mg/m ³

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PNEC values

CAS No	Substance	
Environmental compartment		Value
2768-02-7	Trimethoxyvinylsilane	
Freshwater		0,34 mg/l
Freshwater (intermittent releases)		3,4 mg/l
Marine water		0,034 mg/l
Freshwater sediment		1,24 mg/kg
Marine sediment		0,12 mg/kg
Soil		0,052 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Protective and hygiene measures

See section 7. No additional measures necessary.

Eye/face protection

Not required

Hand protection

rubber gloves.

Skin protection

safety glasses with side-shields conforming to EN166

Respiratory protection

Not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
 Colour: light grey
 Odour: characteristic

Test method

Changes in the physical state

Flash point: >130 °C

Explosive properties

Not explosive

Auto-ignition temperature

not auto-flammable

Water solubility:

insoluble

Solubility in other solvents

miscible with most organic solvents

Solvent content: <0,8%

9.2. Other information

Solid content: <99%

SECTION 10: Stability and reactivity

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10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

10.5. Incompatible materials

Oxidising agent

10.6. Hazardous decomposition products

Heating or fire can release toxic gas. (Carbon monoxide, Hydrogen chloride (HCl))

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2768-02-7	Trimethoxyvinylsilane				
	oral	LD50 7120 mg/kg	Rat		OECD 401
	dermal	LD50 4 mg/kg	Rat		OECD 402
	inhalative (4 h) vapour	LC50 16,8 mg/l	Rat		OECD 403
	inhalative aerosol	ATE 1,5 mg/l			

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
2768-02-7	Trimethoxyvinylsilane					
	Acute fish toxicity	LC50 191 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EC50 168,7 mg/l	48 h	Daphnia magna (Big water flea)		

12.2. Persistence and degradability

according to Regulation (EC) No 1907/2006

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
2768-02-7	Trimethoxyvinylsilane			
	OECD 301F	51 %	28	

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.
Discharge into the environment must be avoided.

Waste disposal number of waste from residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

Waste disposal number of used product

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): <0,8%

National regulatory information

Water contaminating class (D): 2 - water contaminating

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SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H332	Harmful if inhaled.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)