

Xtragrip - mirror adhesive

Revision date: 06/29/2022

Product code: BO6002005S

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1. Identification
Product identifier

Xtragrip - mirror adhesive

Further trade names

BO 6002005S, 310 ml

Recommended use of the chemical and restrictions on use
Use of the substance/mixture

adhesive

Details of the supplier of the safety data sheet
Manufacturer

Company name:	BOHLE AG	
Street:	Dieselstr. 10	
Place:	42781 Haan	
Telephone:	+49 2129 5568-0	Telefax: +49 2129 5568-282
e-mail:	info@bohle.de	
Contact person:	Dr. Martin Schade	Telephone: +49 2129 5568-300
e-mail:	MSDS@bohle.de	
Internet:	www.bohle.com	
Responsible Department:	Chemie	

Trader of the product

Company name:	Bohle America, Inc.
Street:	10924 Granite Street, Suite 200
Place:	USA-NC 28273 Charlotte
e-mail (Contact person):	sales@bohle.com

Emergency phone number: Emergency CONTACT (24-Hour-Number):GBK GmbH +49 (0)6132-84463

2. Hazard(s) identification
Classification of the chemical

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

Label elements
Hazard components for labelling

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

3. Composition/information on ingredients
Mixtures
Chemical characterization

adhesive

Hazardous components

CAS No	Components			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
2768-02-7	trimethoxyvinylsilane; trimethoxy(vinyl)silane			1 - < 5 %
	220-449-8	014-049-00-0	01-2119513215-52	
	Flam. Liq. 3, Acute Tox. 4, Skin Sens. 1B, STOT RE 2; H226 H332 H317 H373			

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

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Components	Quantity
		Specific Conc. Limits, M-factors and ATE	
2768-02-7	220-449-8	trimethoxyvinylsilane; trimethoxy(vinyl)silane	4.9 %
		inhalation: LC50 = 16,8 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 3259 mg/kg; oral: LD50 = 7120 mg/kg	

4. First-aid measures
Description of first aid measures
General information

No special measures are necessary.

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.

5. Fire-fighting measures
Extinguishing media
Suitable extinguishing media

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

Specific hazards arising from the chemical

Carbon monoxide, Hydrogen chloride (HCl)

Special protective equipment and precautions for fire-fighters

Standard procedure for chemical fires.

6. Accidental release measures
Methods and material for containment and cleaning up
Other information

Use mechanical handling equipment.

7. Handling and storage
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.

Advice on general occupational hygiene

See section 7. No additional measures necessary.

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

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

Hints on joint storage

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

Further information on storage conditions

Protect from frost, heat and sunlight.

8. Exposure controls/personal protection

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Control parameters

DNEL/DMEL values

CAS No.	Substance	Exposure route	Effect	Value
2768-02-7	trimethoxyvinylsilane; trimethoxy(vinyl)silane			
Worker DNEL, long-term		inhalation	systemic	2,6 mg/m ³
Worker DNEL, long-term		dermal	systemic	0,2 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	2,6 mg/m ³
Worker DNEL, acute		dermal	systemic	0,2 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,7 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,1 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,1 mg/kg bw/day
Consumer DNEL, acute		inhalation	systemic	0,7 mg/m ³
Consumer DNEL, acute		dermal	systemic	0,1 mg/kg bw/day

PNEC values

CAS No.	Substance	Value
2768-02-7	trimethoxyvinylsilane; trimethoxy(vinyl)silane	
Freshwater		0,36 mg/l
Freshwater (intermittent releases)		2,4 mg/l
Marine water		0,036 mg/l
Freshwater sediment		1,3 mg/kg
Marine sediment		0,13 mg/kg
Soil		0,055 mg/kg

Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Not required

Hand protection

rubber gloves.

Skin protection

safety glasses with side-shields conforming to EN166

Respiratory protection

Not required

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Paste
 Color: light gray
 Odor: characteristic

Test method

Changes in the physical state

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Flash point: >130 °C

Explosive properties

Not explosive

Self-ignition temperature

not auto-flammable

Water solubility:

insoluble

Solubility in other solvents

miscible with most organic solvents

Other information
Other safety characteristics

Solvent content:

<0,8%

Solid content:

<99%

Further Information
10. Stability and reactivity
Reactivity

No dangerous reaction known under conditions of normal use.

Conditions to avoid

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

Incompatible materials

Oxidising agent

Hazardous decomposition products

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

11. Toxicological information
Information on toxicological effects
Acute toxicity

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

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
2768-02-7	trimethoxyvinylsilane; trimethoxy(vinyl)silane				
	oral	LD50 mg/kg	7120	Rat	OECD 401
	dermal	LD50 mg/kg	3259	Rabbit	OECD 402
	inhalation (4 h) vapour	LC50	16,8 mg/l	Rat	OECD 403
	inhalation dust/mist	ATE	1,5 mg/l		

Irritation and corrosivity

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

Sensitizing 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.

Specific target organ toxicity (STOT) - single exposure

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

Specific target organ toxicity (STOT) - repeated exposure

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

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Aspiration hazard

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

12. Ecological information

CAS No	Components					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
2768-02-7	trimethoxyvinylsilane; trimethoxy(vinyl)silane					
	Acute fish toxicity	LC50 191 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EC50 mg/l 168,7	48 h	Daphnia magna (Big water flea)		
	Crustacea toxicity	NOEC mg/l 28,1	21 d	Daphnia magna (Big water flea)		OECD 211

CAS No	Components				
	Method	Value	d	Source	
	Evaluation				
2768-02-7	trimethoxyvinylsilane; trimethoxy(vinyl)silane				
	OECD 301F	51 %	28		

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

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.

List of Wastes Code - 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

List of Wastes Code - 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

14. Transport information

Land transport (ADR/RID)

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

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

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

15. Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 40, Entry 75

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

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

16. Other information**Relevant H statements (full text)**

H226	Flammable liquid and vapor
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H373	May cause damage to organs through prolonged or repeated exposure

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