



EVT Prime Colours

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

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

Barrier (Sealant)

1.3. Details of the supplier of the safety data sheet

Company name:	FS-BF GmbH & Co. KG	
	Division EVT Sealants	
Street:	Hahnenseifener Straße 15	
Place:	D-51580 Reichshof-Hahn	
Telephone:	+49 (0) 2297 - 9103-0	Telefax: +49 (0) 2297 1826
e-mail:	info@fsbf.com	

1.4. Emergency telephone number:

0044 (0) 797979 1298

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

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements**GB CLP Regulation****Precautionary statements**

P102 Keep out of reach of children.

Special labelling of certain mixtures

EUH208 Contains Aminoethylamino-propyltrimethoxysilane, octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Additional advice on labelling

OIT(2-Octyl-2H-isothiazole-3-on) is encapsulated in the mixture and therefore only available in a small amount freely. In a mixture with similar composition there was no hint of a sensitizing effect in the Buehler test (OECD No. 406). A classification of this silicone with GHS 07 / Warning / H317 is not intended.

2.3. Other hazards

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

This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

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



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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
58190-57-1	Ethyl-tris(acetonoximo)-silane			1 - < 3 %
	611-631-1		01-2119982962-22	
	STOT RE 2; H373			
1760-24-3	Aminoethylamino-propyltrimethoxysilane			0,1 - <1%
	217-164-6		01-2119970215-39	
	Eye Dam. 1, Skin Sens. 1, STOT SE 3; H318 H317 H335			
26530-20-1	octhiline (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]			< 0,02 %
	247-761-7	613-112-00-5		
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
58190-57-1	611-631-1	Ethyl-tris(acetonoximo)-silane	1 - < 3 %
		dermal: LD50 = 2494 mg/kg; oral: LD50 = 2500 mg/kg	
1760-24-3	217-164-6	Aminoethylamino-propyltrimethoxysilane	0,1 - <1% %
		inhalation: LC50 = mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = 2995 mg/kg	
26530-20-1	247-761-7	octhiline (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]	< 0,02 %
		inhalation: ATE 0,27 mg/kg (dusts or mists); dermal: ATE 311 mg/kg; oral: ATE 125 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 M acute; H400: M=100 M chron.; H410: M=100	

Further Information

OIT is encapsulated in the mixture and therefore only available in a small amount freely (see section 2.2).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

After curing, product is odourless and indifferent.

After inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

After contact with skin

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell.



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

When in doubt or if symptoms are observed, get medical advice.

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**

Carbon dioxide (CO₂). Extinguishing powder. Water spray jet. Foam. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products.

5.3. Advice for firefighters

Use suitable breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Personal protection equipment: see section 8

For non-emergency personnel

No special measures are necessary.

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**For containment**

Take up mechanically. After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

For cleaning up

Clean with a cloth immediately. After curing, the product can be removed in most cases only mechanically.

Other information

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

Safe handling: see section 7

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

Ensure sufficient ventilation.

Advice on protection against fire and explosion

No special fire protection measures are necessary.



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Advice on general occupational hygiene

When using do not eat, drink, smoke, sniff.

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

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Avoid high temperatures or direct sunlight.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls**Individual protection measures, such as personal protective equipment****Eye/face protection**

Eye glasses with side protection

Hand protection

Recommended glove material: E.g. butyl gloves, nitrile gloves

Recommended glove thickness: > 0,4 mm

Permeation time (maximum wear duration): > 1 h.

Skin protection

Protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.

Thermal hazards

not applicable

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	solid: Paste
Colour:	various
Odour:	characteristic
Odour threshold:	not determined

Test method**Changes in the physical state**

Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	not determined
Sublimation point:	not applicable
Softening point:	not determined
Flash point:	> 150 °C DIN ISO 2592
Lower explosion limits:	not applicable



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Upper explosion limits:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / dynamic:	not determined
Viscosity / kinematic: (at 40 °C)	> 1000 mm ² /s ISO 3219
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	ca. 1,0 g/cm ³

9.2. Other information**Information with regard to physical hazard classes**

Sustaining combustion: No data available

Other safety characteristicsSolvent content: VOC: < 30 g/l (2004/42 EG)
VOC (CH): < 30 g/kg**Further Information**

not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

May form hazardous decomposition products when exposed to high temperatures.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight. Protect from moisture.

10.5. Incompatible materials

Acid. Oxidising agent, strong. Reducing agent, strong. Water.

10.6. Hazardous decomposition products

Hazardous combustion products

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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



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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
58190-57-1	Ethyl-tris(acetonoximo)-silane				
	oral	LD50 2500 mg/kg	rat	OECD 423	
	dermal	LD50 2494 mg/kg	rat	OECD 402	read across
1760-24-3	Aminoethylamino-propyltrimethoxysilane				
	oral	LD50 2995 mg/kg	rat		
	dermal	LD50 >2000 mg/kg	rat		
	inhalation vapour	LC50 mg/l			
26530-20-1	octhiline (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]				
	oral	ATE 125 mg/kg			
	dermal	ATE 311 mg/kg			
	inhalation dust/mist	ATE 0,27 mg/kg			

Irritation and corrosivity

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

Sensitising effects

Contains Aminoethylamino-propyltrimethoxysilane, octhiline (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]. May produce an allergic reaction.

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.

11.2. Information on other hazards**Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to humans as it does not meet the criteria set out in section A of Regulation (EU) No 2017/2100

SECTION 12: Ecological information**12.1. Toxicity**



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
58190-57-1	Ethyl-tris(acetonoximo)-silane					
	Acute fish toxicity	LC50 696,76 mg/l	96 h	Pimephales promelas	OECD 203	read-across
	Acute algae toxicity	ErC50 315,36 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201	read-across
	Acute crustacea toxicity	EC50 678,73 mg/l	48 h	Daphnia magna	OECD 202	read-across
	Algae toxicity	NOEC 62,34 mg/l	3 d	Pseudokirchneriella subcapitata	OECD 201	read-across
1760-24-3	Aminoethylamino-propyltrimethoxysilane					
	Acute fish toxicity	LC50 168 mg/l	96 h	Pimephales promelas		
	Acute crustacea toxicity	EC50 87,4 mg/l	48 h	Daphnia magna		
	Acute bacteria toxicity	(EC50 10 mg/l)		Desmodesmus subspicatus		

12.2. Persistence and degradability

Poorly biodegradable.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
58190-57-1	Ethyl-tris(acetonoximo)-silane	9,83

12.4. Mobility in soil

practically insoluble

12.5. Results of PBT and vPvB assessment

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

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. 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.

12.7. Other adverse effects

No indication of other harmful effects.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

List of Wastes Code - 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



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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

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

Contaminated packaging

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**



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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

Additional information

Biocidal Products Regulation (EU 528/2012): "Contains a biocide: OIT. May produce an allergic reaction."

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains Aminoethylamino-propyltrimethoxysilane, octhilonone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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