

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: **HTM High Tack Flex Adhesive**

Revision date: 06.06.2018

Version: 1.0 /en

Print date: 06.06.2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name **HTM High Tack Flex Adhesive**

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

Relevant identified uses Adhesives, sealants

Recommended restrictions None under normal processing. Observe technical data sheet.

1.3 Details of the supplier of the safety data sheet

Company designation Great Britan: fischer fixings UK Ltd.
Whitely Road, Wallingford, Oxon OX10 9AT
+44 14 91 82 79 00
Telephone: +44 14 91 82 79 53
FAX: info@fischer.co.uk

Marketer Great Britain: Mrs Mirka Valovicova, fischer Fixing (UK) Ltd, Hithercroft
Road, Wallingford, Oxfordshire, OX10 9AT, Tel. 01491 827 920, Fax
01491 827 950

1.4 Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Reg- This product is classified as not hazardous according to regulation
ulation (EC) No. 1272/2008 (EC) 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation The product does not have to be labelled according to Regulation (EC)
(EC) No. 1272/2008 [CLP] No. 1272/2008 [CLP].

Further information

EUH208: Contains 3-(2-aminoethylamino)-propyltrimethoxysilane;N-[3-(Dimethoxymethylsilyl)propyl]ethylenediamin;dioctyltinbis(acetylacetonate).
May produce an allergic reaction.
EUH210: Safety data sheet available on request.

2.3 Other hazards

Health hazard None known.

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Particular information pertaining specific risk for human / environment None known.

Indication of danger None known.

Hazard precautions None known.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Ingredient		Classification (EC) 1272/2008	Concentration
trimethoxyvinylsilane	CAS No.: 2768-02-7 EC-No.: 220-449-8 REACH No.: 01-2119513215-52	Flam. Liq. 3; H226 Acute Tox. 4; H332 STOT RE 2; H373	1.0 – 5.0 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	If symptoms persist, call a physician. Remove/Take off immediately all contaminated clothing.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	If swallowed, seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.
Notes to physician	No data available

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No data available

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention No data available

Special medical treatment No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO2)

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Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases No hazards to be specially mentioned.

5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.

Additional information on firefighting Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep containers and surroundings cool with water spray. Container may rupture on heating.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Environmental precautions The product should not be allowed to enter drains, water courses or the soil. Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Use mechanical handling equipment. Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections See chapter 7/8/13

6.5 Additional information

Other information Dispose of in accordance with local regulations.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling None under normal processing.

Advice on protection against fire and explosion No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container re-requirements Keep containers tightly closed in a cool, well-ventilated place.
Store in accordance with local regulations.
Keep only in original container.

Hints on storage assembly Store in accordance with the particular national regulations.

7.3 Specific end use(s)

Specific use(s) adhesive

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection No personal respiratory protective equipment normally required.

Hand protection Wear protective gloves.

Suitable material: butyl-rubber, Chloroprene, Nitrile rubber

Unsuitable material: PVC disposable gloves

Material thickness: $\geq 0,5$ mm

Break through time: > 120 min

Remarks: Replace when worn. Request information on glove permeation properties from the glove supplier.. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

Eye protection Tightly fitting safety goggles

Skin and body protection Wear suitable protective equipment.

Note: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

General protective and hygiene measures Smoking, eating and drinking should be prohibited in the application area.
Avoid contact with skin, eyes and clothing.

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Take off all contaminated clothing immediately.
Wash hands before breaks and at the end of workday.
Keep away from food, drink and animal feedingstuffs.
Use protective skin cream before handling the product.

Information on environmental protection regulations

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Paste
Odour	characteristic
pH	not determined
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	No data available
Flash point [°C]	> 100
Explosion limits [Vol-%]	Not applicable.
Vapour pressure [kPa]	No data available
Density [g/cm ³]	1,54
Solubility	No data available
Partition coefficient n-octanol / water (log P O/W)	No data available
Autoinflammability	not auto-flammable
Viscosity, dynamic [kg/(m*s)]	No data available
Risk of explosion.	Not explosive

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition No decomposition if stored and applied as directed.

10.2 Chemical stability

Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid No decomposition if used as directed.

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10.5 Incompatible materials

Materials to avoid Not applicable.

10.6 Hazardous decomposition products

Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients

Trimethoxyvinylsilan

Oral toxicity [mg/kg]	Test criterion	Test species	Remarks	Source
7120	LD50	Rat	OECD 401	100

Source: 100 - Company data

Dermal toxicity [mg/kg]	Source
No data available	100

Source: 100 - Company data

LC50 Inhalation 4h for gases [ppmV]	Test criterion	Test species	Note	Exposure duration	Source
2773	LC50	Rat	OECD 403	4 h	100

Source: 100 - Company data

11.2 Additional information

Other information (chapter 11.) There is no data available for this product.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish [mg/l] Based on available data, the classification criteria are not met.

Toxicity to daphnia [mg/l] Based on available data, the classification criteria are not met.

Toxicity to algae [mg/l] Based on available data, the classification criteria are not met.

12.2 Persistence and degradability

Biodegradability There is no data available for this product.

12.3 Bioaccumulative potential

Bioaccumulation There is no data available for this product.

12.4 Mobility in soil

Mobility There is no data available for this product.

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12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This mixture does not contain any substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

12.6 Other adverse effects

Further information on ecology No information on ecology is available.
Should not be released into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Disposal together with normal waste is not allowed. Special disposal required according to local regulations.
The product should not be allowed to enter drains, water courses or the soil.
Empty remaining contents.

Waste Code 080400 – wastes from MFSU of adhesives and sealants (including waterproofing products)
150100 – packaging (including separately collected municipal packaging waste)

Uncleaned empty packaging Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	No dangerous good according to ADR	No dangerous good according to IMDG	No dangerous good according to IATA
14.2 UN proper shipping name		Non dangerous good	Non dangerous good
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.

14.6 Special precautions for user

Precautions not required under normal use

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

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SECTION 15: Regulatory information

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

VOC 2,85 % / 43,9 g/l

Restriction of occupation. -

Water Hazard Class (Ger.) 1

15.2 Chemical safety assessment

Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

Additional regulations Not applicable.

SECTION 16: Other information

Relevant H-phrases EUH208: Contains 3-(2-Aminoethylamino)-propyltrimethoxysilane; N-[3-(Dimethoxymethylsilyl)propyl]ethylenediamine; Dioctylzinnbis(acetylacetonat). May produce an allergic reaction.
EUH210: Safety data sheet available on request.
H226: Flammable liquid and vapour.
H332: Harmful if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure .

Wording of the hazard classes Flam. Liq.: Flammable liquid
Acute Tox.: Acute toxicity
STOT RE: Specific target organ toxicity – repeated exposure

Recommended restrictions None under normal processing. Observe technical data sheet.

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.