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Version 2  
EN

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name **Super Fast**

Synonyms Urethane elastomer

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

Recommended Use Equine Hoof adhesive.  
Uses advised against No information available.

### 1.3 Details of the supplier of the safety data sheet

Vettec, Inc.  
Zonnebaan 14  
3542 EC Utrecht  
The Netherlands  
+31 (0)30 - 24 11 823  
info@vettec.net

### 1.4 Emergency telephone number

UK National Health Service (NHS) call 111 or, in life-threatening emergencies, call 999

IE National Poisons Information Centre  
+353 1 809 2566 or +353 1 837 9964 (only for healthcare professionals)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification (1272/2008/EC)

Acute inhalation toxicity - dust/mist	Category 4 - H332
Skin Corrosion/Irritation	Category 2 - H315
Serious eye damage/eye irritation	Category 2 - H319
Respiratory Sensitisation	Category 1 - H334
Skin sensitisation	Category 1 - H317
Carcinogenicity	Category 2 - H351
Specific target organ toxicity - Single exposure	Category 3 - H335
Specific target organ toxicity - Repeated exposure	Category 2 - H373

For the full text of the H-Statements mentioned in this section, see Section 16.

### 2.2 Label elements



**Signal word**

Danger

**Hazard statements**

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

H351 - Suspected of causing cancer

H373 - May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements**

P201 - Obtain special instructions before use

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P312 - Call a POISON CENTER or doctor/physician if you feel unwell

**Contains**

Castor oil, polymer with 1,1'-methylenebis[4-isocyanatobenzene]

m-Phenylenebis(methylamine)

Triethoxy(3-isocyanatopropyl)silane

**2.3 Other hazards**

None known.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures**

Chemical name	EC-No	CAS-No	Weight %	Classification (1272/2008/EC)	REACH registration number
castor oil, polymer with 1,1'-methylenebis[4-isocyanatobenzene]	-	68424-09-9	45 - 50	Acute Tox. 4 H332 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 Resp. Sens. 1 H334 STOT SE 3 H335 Carc. 2 H351 STOT RE 2 H373	No data available
1,1',1'',1'''-ethylenedinitrilotetra-propan-2-ol	203-041-4	102-60-3	5 - 10	Eye Irrit. 2 H319	No data available
m-phenylenebis(methylamine)	216-032-5	1477-55-0	1 - 3	Acute Tox. 4 H302 Acute Tox. 4 H332 Skin Corr. 1B H314 Skin Sens. 1 H317 Aquatic Chronic 3 H412	No data available
triethoxy(3-isocyanatopropyl)silane	246-467-6	24801-88-5	<1	Acute Tox. 4 H302 Acute Tox. 4 H312 Acute Tox. 1 H330 Skin Corr. 1B H314 Resp. Sens. 1 H334	No data available

For the full text of the H-Statements mentioned in this section, see Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>General Advice</b>	No hazards which require special first aid measures. IF exposed or concerned: Get medical advice/attention.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
<b>Skin Contact</b>	Wash off with soap and water. Get medical attention.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Get medical attention.
<b>Inhalation</b>	Move to fresh air. Get medical attention.
<b>Protection of first-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

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

<b>Main symptoms</b>	Harmful if inhaled. Dyspnea (breathing difficulty). May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Causes skin irritation, Causes serious eye irritation, May cause allergic skin reaction: Redness, Itching.
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### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Notes to physician</b>	Treat symptomatically.
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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Suitable Extinguishing Media</b>	The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	None known.

### 5.2 Special hazards arising from the substance or mixture

<b>Special Hazard</b>	Hazardous decomposition products formed under fire conditions: Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ). Do not allow run-off from fire fighting to enter drains or water courses.
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### 5.3 Advice for firefighters

<b>Special protective equipment for fire-fighters</b>	Wear self-contained breathing apparatus and protective suit.
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate non-essential personnel. Avoid contact with skin, eyes and clothing. Do not breathe vapours. Use personal protective equipment.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

### 6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

### 6.4 Reference to other sections

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in original container. Keep container tightly closed in a dry and well-ventilated place.

### 7.3 Specific end use(s)

<b>Exposure scenario</b>	Not available.
<b>Other information</b>	Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Chemical name	European Union	The United Kingdom	France	Spain	Germany
m-phenylenebis(methylamine)			VLCT: 0.1 mg/m <sup>3</sup>		

Chemical name	Italy	Portugal	Netherlands	Denmark	Poland
m-phenylenebis(methylamine)		Ceiling: 0.1 mg/m <sup>3</sup>		Ceiling: 0.02 ppm Ceiling: 0.1 mg/m <sup>3</sup> *S	

Chemical name	Belgium	Sweden	Hungary	Finland	Czech Republic
m-phenylenebis(methylamine)	STEL: 0.1 mg/m <sup>3</sup>			STEL: 0.1 mg/m <sup>3</sup> Ceiling: 0.1 mg/m <sup>3</sup> *S	

#### Legend:

\* Skin designation

**Recommended monitoring procedures** No information available.

**Derived No Effect Level (DNEL)** For: Workers.

Chemical name	Long-term exposure - Local effects - Inhalation	Long-term exposure - Local effects - Dermal	Acute / short-term exposure - Local effects - Inhalation	Acute / short-term exposure - Local effects - Dermal
m-phenylenebis(methylamine)	0.2 mg/m <sup>3</sup>			

Chemical name	Long-term exposure - Systemic effects - Inhalation	Long-term exposure - Systemic effects - Dermal	Acute / short-term exposure - Systemic effects - Inhalation	Acute / short-term exposure - Systemic effects - Dermal
1,1',1'',1'''-ethylenedinitriote trapropan-2-ol	29.4 mg/m <sup>3</sup>	4.2 mg/kg bw/d		
m-phenylenebis(methylamine)	1.2 mg/m <sup>3</sup>	0.33 mg/kg bw/d		

#### Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Marine water	Intermittent release	Sewage treatment plant	Freshwater sediment	Marine sediment	Soil	Oral
1,1',1'',1'''-ethylenedinitriote trapropan-2-ol	0.085 mg/L	0.0085 mg/L	1.51 mg/L	70 mg/L	0.193 mg/kg dw	0.0193 mg/kg dw	0.0183 mg/kg dw	
m-phenylenebis(methylamine)	0.094 mg/L	0.0094 mg/L	0.152 mg/L	10 mg/L	0.43 mg/kg dw	0.043 mg/kg dw	0.045 mg/kg dw	

### 8.2 Exposure controls

**Appropriate Engineering Controls** Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Individual protection measures, such as personal protective equipment

##### Eye Protection

##### Hand Protection

##### Skin and Body Protection

##### Respiratory Protection

No special protective equipment required.

Protective gloves: Natural Rubber, Latex gloves, Polychloropyrene (CR) , Butyl rubber, Polyvinylchloride. Glove thickness: 0.5 mm. Break through time: 8 hours.

Long sleeved clothing.

No special protective equipment required.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** The product should not be allowed to enter drains, water courses or the soil.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical state @20°C</b>	Liquid
<b>Appearance</b>	No information available
<b>Colour</b>	Black
<b>Odour</b>	Odourless
<b>pH</b>	No information available
<b>Melting/freezing point</b>	No information available
<b>Boiling point/boiling range</b>	>204 °C
<b>Flash point</b>	138 °C
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Flammability Limits in Air</b>	No information available
<b>Upper</b>	9.5%
<b>Lower</b>	0.09%
<b>Vapour pressure</b>	No information available
<b>Vapour density</b>	No information available
<b>Relative density</b>	No information available
<b>Solubility</b>	
<b>Water solubility</b>	No information available
<b>Partition coefficient (n-octanol/water)</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity, dynamic</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidising properties</b>	No information available

### 9.2 Other information

**Hardening time** 30 seconds

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None known.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

<b>Ingestion</b>	No known effect.
<b>Skin Contact</b>	No known effect.
<b>Inhalation</b>	Harmful if inhaled.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1,1',1'',1'''-ethylenedinitrilotetraprop an-2-ol	2890 mg/kg ( Rat )	>2000 mg/kg	
m-phenylenebis(methylamine)	930 mg/kg ( Rat )	>3100 mg/kg ( Rat )	1.34 mg/L ( Rat ) 4h
triethoxy(3-isocyanatopropyl)silane	707 µL/kg ( Rat )	1260 µL/kg ( Rat )	0.60 mg/L ( Rat ) 4h

**Skin Corrosion/Irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye irritation.

Chemical name	Skin Corrosion/Irritation	Serious eye damage/irritation
1,1',1'',1'''-ethylenedinitrilotetraprop an-2-ol	OECD 404, In vivo, Rabbit Result: Non-irritating	OECD 405, In vivo, Rabbit Result: Irritating

**Respiratory or skin sensitisation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

**Germ Cell Mutagenicity** Not known to cause heritable genetic damage.

**Carcinogenicity** Suspected of causing cancer.

**Reproductive Toxicity** Not known to cause birth defects or have a deleterious effect on a developing fetus. Not known to adversely affect reproductive functions and organs.

**STOT-single exposure** May cause respiratory irritation.

**STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure. Route of Exposure: Inhalation.

**Aspiration Hazard** No known effect.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

This product is not known to be hazardous to the environment.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Micro-organisms	Toxicity to daphnia and other aquatic invertebrates
m-phenylenebis(methylamine)	EC50: 32.1 mg/L 48h Pseudokirchnerella subcapitata EC50: 20.3-33.3 mg/L 72 h Pseudokirchnerella subcapitata	LC50: 87.6 mg/L 96h Oryzias latipes	EC50: >1000 mg/L 30 min	EC50: 35.1 mg/L 24h Daphnia magna EC50: 15.2 mg/L 48h Daphnia magna NOEC: 4.7 mg/L 21d Daphnia magna

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### **Waste from residues / unused products**

Dispose of as hazardous waste in compliance with local and national regulations.

#### **Contaminated Packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.



## SECTION 14: TRANSPORT INFORMATION

According to: ADR, RID, ADN, IMDG, IATA/ICAO.

### 14.1 UN number

Not regulated.

### 14.2 UN proper shipping name

Not regulated.

### 14.3 Transport hazard class(es)

Not regulated.

### 14.4 Packing group

Not regulated.

### 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.

## SECTION 15: REGULATORY INFORMATION

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

**Restrictions on use**                      None.

**Other Regulations**                      None.

### 15.2 Chemical safety assessment

Not required.

## SECTION 16: OTHER INFORMATION

**Full text of H-Statements referred to under sections 2 and 3**

H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H314 - Causes severe skin burns and eye damage  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H330 - Fatal if inhaled  
H332 - Harmful if inhaled  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335 - May cause respiratory irritation  
H351 - Suspected of causing cancer  
H373 - May cause damage to organs through prolonged or repeated exposure  
H412 - Harmful to aquatic life with long lasting effects

**Abbreviations and acronyms**

EC: European Commission  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemical substances  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration

STOT: Specific Target Organ Toxicity  
PBT: Persistent, Bioaccumulating, Toxic  
vPvB: very Persistent and very Bioaccumulating  
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Regulations for the International Transport of Dangerous Goods by Rail  
ADN: Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures  
IMDG: International Maritime Dangerous Goods Code  
ICAO: International Civil Aviation Organization

**Revision note**

Indication of the changes made to the previous version of the SDS: Classification, Label elements, First aid measures, Derived No Effect Level (DNEL), Predicted No Effect Concentration (PNEC), Toxicological information, Ecotoxicity, Remove 67/548/EEC and 1999/45/EC.

**Training Advice**

Workers must be trained in the proper use and handling of this product as required under applicable regulations.

**SDS No.**

VT00008A

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text**

**End of Safety Data Sheet**