



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Fiddes Premier HPX Hardener

Revision 1

Revision date 2016-02-04

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

1.1. Product identifier

Product name Fiddes Premier HPX Hardener

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

Description Curing agent for floor lacquer.

1.3. Details of the supplier of the safety data sheet

Company Fiddes & Son Ltd
Address Florence Works, Brindley Road, Cardiff, South Glamorgan, CF11 8TX
Web www.fiddes.co.uk
Telephone +44 (0)29 2034 0323
Fax +44 (0)29 2034 3235
Email info@fiddes.co.uk
Email address of the competent person info@fiddes.co.uk

1.4. Emergency telephone number

Emergency telephone number 1-352-323-3500
Company INFOTRAC
24HR

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC
Xn; R20-42/43
Symbols: Xi: Irritant.
Main hazards Harmful by inhalation. May cause sensitisation by inhalation and skin contact. May cause sensitisation by inhalation.

2.1.2. Classification - EC 1272/2008
Resp. Sens. 1: H334; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statement: Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.
P284 - [In case of inadequate ventilation] wear respiratory protection.

Precautionary Statement: Response

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/.

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2.2. Label elements

Precautionary Statement: Storage	P102 - Keep out of reach of children. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Precautionary Statement: Disposal	Dispose of this material and its container to hazardous or special waste collection point. P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Hexamethylene-di-isocyanate	615-011-00-1	822-06-0	212-485-8		0.5 - 1%	T; R23 Xi; R36/37/38 R42/43	
3-Isocyanatomethyl-3,5,5-trimethyl cyclohexyl isocyanate	615-008-00-5	4098-71-9	223-861-6		0.5 - 1%	T; R23 Xi; R36/37/38 R42/43 N; R51/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Hexamethylene-di-isocyanate	615-011-00-1	822-06-0	212-485-8		0.5 - 1%	Acute Tox. 3: H331; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317;	
3-Isocyanatomethyl-3,5,5-trimethyl cyclohexyl isocyanate	615-008-00-5	4098-71-9	223-861-6		0.5 - 1%	Acute Tox. 3: H331; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. Contact lenses should be removed.
Skin contact	Remove casualty from exposure ensuring one's own safety whilst doing so. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Keep the affected person warm and at rest. Never give anything by mouth to an unconscious person. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO2). Dry chemical. Foam.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	In case of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Apply a barrier cream before handling the product. Wear chemical protective clothing. Wear suitable gloves and eye/face protection.
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6.2. Environmental precautions

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6.2. Environmental precautions

Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do not flush into surface water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Avoid sparks, flames, heat and sources of ignition. Do not breathe dust or vapour. Wear suitable respiratory equipment when necessary.

7.2. Conditions for safe storage, including any incompatibilities

Keep locked up and out of the reach of children. Store in correctly labelled containers. Store in original container.

Suitable packaging

Keep only in the original container in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Apply a barrier cream before handling the product. Appropriate respiratory protection. Approved safety goggles.

Eye / face protection

Contact lenses should be removed. Safety glasses.

Skin protection - Handprotection

Chemical resistant gloves. Wash hands after handling the product.

Skin protection - Other

Wear suitable protective clothing and gloves.

Respiratory protection

Do not breathe gas/fumes/vapour/spray. Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Characteristic
Initial boiling point	> 90 °C
Flash point	76
Vapour density	< 1
Miscible in	Water
Solubility	Miscible in water

9.2. Other information

Specific gravity	0.9 g/cm ³
VOC (Volatile organic compounds)	99

SECTION 10: Stability and reactivity

10.1. Reactivity

Water.

10.2. Chemical stability

Stable under normal conditions.

10.4. Conditions to avoid

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10.4. Conditions to avoid

Avoid exposing to heat and contact with strong oxidising substances.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Skin corrosion/irritation**

Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact.

Respiratory or skin sensitisation

Gas or vapour is harmful on prolonged exposure or in high concentrations.

Further information

Ingestion may cause discomfort. May cause irritation to eyes.

SECTION 12: Ecological information**12.2. Persistence and degradability**

Water endangering.

12.4. Mobility in soil

Do not let product contaminate subsoil.

12.6. Other adverse effects

May cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations**General information**

Waste to be treated as controlled waste. Dispose of this material and its container to hazardous or special waste collection point.

Disposal methods

Dispose of as special waste in compliance with local authority requirements.

SECTION 14: Transport information**14.1. UN number**

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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

of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information**Other information****Revision**

This document differs from the previous version in the following areas:.

- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 2 - Precautionary Statement: Disposal.
- 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Solubility).
- 9 - 9.2. Other information (Specific gravity).
- 12 - 12.1. Toxicity.
- 16 - General information.

Text of risk phrases in Section 3

R23 - Toxic by inhalation.
 R36/37/38 - Irritating to eyes, respiratory system and skin.
 R42/43 - May cause sensitisation by inhalation and skin contact.
 R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.
 Skin Sens. 1: H317 - May cause an allergic skin reaction.
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 Acute Tox. 3: H331 - Toxic if inhaled.
 Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 STOT SE 3: H335 - May cause respiratory irritation.

Maximum content of VOC

99.

General information

This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.