

Caberdek Fastfix Material Safety Data Sheet

Norbord Ltd
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www.norbord.com

Caberdek Fastfix Adhesive - Polyurethane one part sealant/adhesive



Description

Caberdek Fastfix is a fast curing one-part general purpose polyurethane compound ideal for sealing and adhering to a wide range of surfaces in most industries.

Fastfix is the recommended adhesive for installing Caberdek flooring systems.

1. Identification of the substance/ preparation and Company.

Name: Caberdek Fastfix

Application: One part moisture curing polyurethane sealant

Supplier: Norbord Ltd

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2. Ingredients

Name	EC No.	CAS-No.	Content	Classification
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	202-966-0	101-68-8	< 1%	Xn;R20 R42/43 Xi;R36/37/38
thiodiethylene bis(3- 255-392-8 41484-35-9 (3,5-di-tertbutyl-4-hydroxyphenyl) propionate	255-392-8	41484-35-9	< 1%	N;R51/53.
XYLENE	215-535-7	1330-20-7	5-10%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

3. Hazards Identification

Flammable. May cause sensitisation by inhalation.

CLASSIFICATION R42. R10.

4. First Aid Measures

INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Get medical attention.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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AREAS OF EXPERTISE

- Safety
- Cost management
- Capability assurance
- Supply chain management
- Managing beyond customer expectations

5. Fire-Fighting Measures

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Isocyanates will support combustion Avoid breathing fire vapours.

SPECIFIC HAZARDS

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of: Nitrogen. Isocyanate vapours Hydrogen cyanide (HCN).

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus.

6. Accidental Release Measures

SPILL CLEAN UP METHODS

Ventilate well. Wear necessary protective equipment. Allow to cure and remove as inert industrial waste

7. Handling and Storage

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Persons susceptible for allergic reactions should not handle this product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

8. Exposure controls/personal protection

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
XYLENE	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (Sk)
DIPHENYLMETHANE-4,4'-DI-ISOCYANATE	WEL		0.02 mg/m ³ (Sen)		0.07 mg/m ³ (Sen)

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.





HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. Physical and Chemical Properties

APPEARANCE	Viscous Liquid		
COLOUR	White		
ODOUR	Aromatic.		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.2- - 1.21 @ 20 °c	FLASH POINT (°C)	25 CC (Closed cup).

10. Stability and Reactivity

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Isocyanates react with water amines and acids with generation of heat. In the case of water, carbon dioxide is evolved and closed containers may rupture due to pressure increase if contaminated with moisture

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Irritating gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of: Sulphur.

11. Toxicological Information

INHALATION

May cause sensitisation by inhalation. May cause irritation to the respiratory system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

May cause sensitisation by skin contact.

EYE CONTACT

Irritating to eyes.

12. Ecological Information

ECOTOXICITY

Not known.

LC 50, 96 Hrs, FISH mg/l 3.77 Xylene

EC 50, 48 Hrs, DAPHNIA, mg/l 7.4 Xylene

IC 50, 72 Hrs, ALGAE, mg/l 10 Xylene

MOBILITY

Product is insoluble in water

BIOACCUMULATION

Not determined.

DEGRADABILITY

Not determined.

13. Disposal Considerations

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Allow to moisture cure. Treat as inert, solid industrial waste



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14. Transport Information

PROPER SHIPPING NAME Flammable liquid, n.o.s.(xylenes), viscous
AIR TRANSPORT NOTES Packing Instructions Passenger Aircraft 309/Y309 Packing Instructions Cargo Aircraft 310
ADR CLASS Not classified for transportation. IMDG CLASS 3
IMDG PACK GR. III EMS F-E, S-E
ICAO CLASS 3 AIR PACK GR. III

15 Regulatory Information

LABELLING



Harmful

CONTAINS DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

RISK PHRASES

R10 Flammable.
R42 May cause sensitisation by inhalation.

SAFETY PHRASES

S2 Keep out of the reach of children
S38 In case of insufficient ventilation, wear suitable respiratory equipment.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S60 This material and its container must be disposed of as hazardous waste.
P4 Contains isocyanates. See information supplied by the manufacturer.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16. Other Information

INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION COMMENTS

ISSUE 1

REVISION DATE FEBRUARY 2005

RISK PHRASES IN FULL

R10 Flammable.
R20 Harmful by inhalation.
R20/21 Harmful by inhalation and in contact with skin.
R36/37/38 Irritating to eyes, respiratory system and skin.
R38 Irritating to 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.

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