Material Safety Data Sheet

Thortex Floor-Tech PR Base

Date of issue **10/05/2006.** **TX815B**

1. Identification of the substance/preparation and company/undertaking

Product no. TX815B

Product name Thortex Floor-Tech PR Base

Manufacturer Thortex Division of E. Wood Limited
Standard Way, Northallerton,
North Yorkshire, DL6 2XA, England
Tel. +44 (0)1609 780170 Fax. +44 (0)1609 788718
email: thortex@ewood.co.uk

Product use Paint. Coating.

2. Composition/information on ingredients

Substance/preparation

Component	CAS number	% by weight	EC number	Classification
BISPHENOL A - EPOXY RESIN (Mn <=700)	025068-38-6	60 - 70%	500-033-5	Xi; R36/38, R43, N; R51/53
BISPHENOL F - EPOXY RESIN	009003-36-5	10 - 20%		Xi; R36/38, R43, N; R51/53
ALKYL GLYCIDYL ETHER	068609-97-2	5 - 15%	271-846-8	Xi; R36/38, R43, N; R51/53

See section 16 for the full text of the R-phrases declared above

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification Xi; R36/38, R43, N; R51/53

Human health hazards Irritating to eyes and skin. May cause sensitisation by skin contact.

Environmental hazards Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures

First-aid measures

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.

Skin contact Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation occurs.

Eye contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Extinguishing media In case of fire, use water spray (fog), foam, dry chemical or CO_2. Do not use water jet.

Special exposure hazards No specific hazard.

Hazardous thermal decomposition products In a fire, the following may be released: carbon oxides (CO, CO_2)

Protection of fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions Immediately contact emergency personnel. Use suitable protective equipment (section 8).

Environmental precautions Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dyke spilt material or otherwise contain it to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

7. Handling and storage

Handling Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage Keep container tightly closed. Store in original sealed containers at temperatures between 5° and 30°C.

8. Exposure controls/personal protection

Exposure controls

Respiratory protection	A respirator is not needed under normal and intended conditions of product use.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. 4-8 hours (breakthrough time): butyl rubber , nitrile rubber , natural rubber (latex) or PVC gloves.
Eye protection	Safety glasses. Chemical splash goggles. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin protection	Protective clothing. Repeated or prolonged contact with irritants may cause dermatitis.

9. Physical and chemical properties

Appearance	Liquid. (Clear viscous liquid.)	**Odour**	Faint odour.
pH	Not applicable.	**Boiling point**	>200°C (392°F)
Flash point	Closed cup: >130°C (266°F).	**Flammability**	Non-flammable.
Explosion limits	Not available.	**Oxidising properties**	Not available.
Vapour pressure	Not available.	**Relative density**	1.13 g/cm^3
Solubility	Insoluble in cold water.	**Vapour density**	Not available.
Evaporation rate (butyl acetate = 1)	Not available.	**Octanol/water partition coefficient**	Not available.
Auto-ignition temperature	>400°C (752°F)	**Melting point**	Not available.

10. Stability and reactivity

Stability	The product is stable.
Conditions to avoid	None identified.
Materials to avoid	This product should be stored away from oxidising materials and strong bases. acids Amines peroxides These could cause the product to polymerise exothermically. Unintentional contact with them should be avoided.
Hazardous decomposition products	In a fire, the following may be released: carbon oxides (CO, CO_2)

11. Toxicological information

Potential acute health effects

Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Skin contact	Irritating to skin. May cause sensitisation by skin contact.
Eye contact	Irritating to eyes.

Acute toxicity

Ingredient name	Test	Result	Route	Species
BISPHENOL A - EPOXY RESIN (Mn <=700)	LD50	>2000 mg/kg	Oral	Rat
BISPHENOL F - EPOXY RESIN	LD50	>2000 mg/kg	Oral	Rat
ALKYL GLYCIDYL ETHER	LD50	17100 mg/kg	Oral	Rat

Potential chronic health effects

Carcinogenicity	No carcinogenic effect.
Mutagenicity	No mutagenic effect.
Reproductive toxicity	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Skin	Repeated skin exposure can produce local skin destruction or dermatitis.
Additional information	No components of this material are listed as carcinogens by OSHA, NTP, ACGIH or IARC.

12. Ecological information

Persistence/degradability

Ingredient name	Aquatic half-life	Photolysis	Biodegradability
Thortex Floor-Tech PR Base	-	-	Not readily

Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
Mobility	Do not allow to enter drains or watercourses.
Other adverse effects	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13.Disposal considerations

Methods of disposal The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste The classification of the product may meet the criteria for a hazardous waste.

14.Transport information

International transport regulations

UN number 3082

Proper shipping name Environmentally hazardous substance, liquid, n.o.s. (BISPHENOL A - EPOXY RESIN)

Class 9

Packing group III

Additional information Emergency schedules (EmS) F-A,S-F

15.Regulatory information

EU regulations

Hazard symbol/symbols

Irritant, Dangerous for the environment.

Risk phrases R36/38- Irritating to eyes and skin. R43- May cause sensitisation by skin contact. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases S24- Avoid contact with skin.S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.S28- After contact with skin, wash immediately with plenty of soap and water.S29- Do not empty into drains.S36/37- Wear suitable protective clothing and gloves.S46- If swallowed, seek medical advice immediately and show this container or label.Contains epoxy constituents.See information supplied by the manufacturer.

Contains

BISPHENOL A - EPOXY RESIN (Mn <=700)	500-033-5
BISPHENOL F - EPOXY RESIN ALKYL GLYCIDYL ETHER	271-846-8

Product use Classification and labelling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.
- Consumer applications.

Other EU regulations

EU statistical classification (Tariff Code) 39073000

National regulations

United States

SARA 313 toxic chemical notification and release reporting No products were found.

Germany

Hazard class for water 2

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Date of previous issue 18/07/2005

Revision comments Section 2. Composition, information on ingredients, Section 8. Exposure controls, personal protection, Section 11. Toxicological information and Section 15. Regulatory information.

Full text of R-phrases referred to in sections 2 and 3 - Europe R36/38- Irritating to eyes and skin.R43- May cause sensitisation by skin contact.R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - Europe Xi - Irritant
N - Dangerous for the environment.

Further information Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC
Canada - This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.