



SAFETY DATA SHEET

ES100 ONE COAT UNIVERSAL PART B (formerly TREADFAST)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	ES100 ONE COAT UNIVERSAL PART B (formerly TREADFAST)
PRODUCT NO.	10513
APPLICATION	Component of a two-part damp-proofing membrane
SUPPLIER	Tremco illbruck Coatings Ltd Coupland Rd Hindley Green Wigan WN2 4HT England Phone: +44 (0) 1942 251400 Fax: +44 (0) 1942 521923 msds@tremco-illbruck.com
EMERGENCY TELEPHONE	+44 (0) 1942 258011

2 HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed.

Causes burns.

May cause sensitisation by skin contact.

CLASSIFICATION (1999/45) Xn;R20/22. C;R34. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	202-013-9	90-72-2	1-5%	Xn;R22 Xi;R36/38
3-AMINOPROPYLDIMETHYLAMINE	203-680-9	109-55-7	1-5%	R10 C;R34 Xn;R22 R43
4,4'-ISOPROPYLIDENEDIPHENOL	201-245-8	80-05-7	1-5%	Repr. Cat. 3;R62 R43 Xi;R37,R41
BENZYL ALCOHOL	202-859-9	100-51-6	10-30%	Xn;R20/22
ISOPHORONEDIAMINE	220-666-8	2855-13-2	5-10%	C;R34 Xn;R21/22 R43 R52/53
M-PHENYLENEBIS(METHYLAMINE)	216-032-5	1477-55-0	5-10%	Xn;R20/22. C;R34. R43,R52/53.

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

4 FIRST-AID MEASURES

INHALATION

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing.

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EYE CONTACT

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

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, fog or mist.

Alcohol resistant foam.

Carbon dioxide (CO2).

Dry chemicals, sand, dolomite etc.

DO NOT USE: Water jet.

SPECIAL FIRE FIGHTING PROCEDURES

If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS

May develop highly toxic or corrosive fumes if heated.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid acids, moisture, and combustible materials.

STORAGE PRECAUTIONS

May attack some plastics, rubber and coatings. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Use protective gloves made of: Nitrile.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Promptly remove any clothing that becomes wet or contaminated. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

COLOUR

Brown

ODOUR

Amine. Fishy.

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SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	35°C 760 mm Hg	RELATIVE DENSITY	1.03 @ 25°C
FLASH POINT (°C)	85°C P/M Pensky-Martens.		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Water, moisture.

MATERIALS TO AVOID

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic gases/vapours/fumes of: Carbon monoxide (CO). Oxides of: Nitrogen.

11 TOXICOLOGICAL INFORMATION

SKIN CONTACT

May cause sensitisation by skin contact.

HEALTH WARNINGS

Gas or vapour is harmful on prolonged exposure or in high concentrations. This chemical may cause skin/eye irritation and burns (corrosive).

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes. May cause suffocation. Skin irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Little danger to the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

Fully cured product is not hazardous

DISPOSAL METHODS

In the UK refer to the Hazardous Waste Regulations (2005)

WASTE CLASS

EWC Code: 08 04 09 Hazard Classification: H5 H8

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	AMINES, LIQUID, CORROSIVE N.O.S. (CONTAINS M-XYLENE DIAMINE AND ISOPHORONEDIAMINE)		
UN NO. ROAD	2735	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)	ADR LABEL NO.	8
RID CLASS NO.	8	RID PACK GROUP	53(c)
UN NO. SEA	2735	IMDG CLASS	8
IMDG PACK GR.	III	MARINE POLLUTANT	No.

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UN NO. AIR 2735 AIR CLASS 8
 AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS

3-AMINOPROPYLDIMETHYLAMINE
 4,4'-ISOPROPYLIDENEDIPHENOL
 ISOPHORONEDIAMINE
 M-PHENYLENEBIS(METHYLAMINE)

RISK PHRASES

R20/22 Harmful by inhalation and if swallowed.
 R34 Causes burns.
 R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S27 Take off immediately all contaminated clothing.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

UK REGULATORY REFERENCES

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 ("CHIP 4")

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

16 OTHER INFORMATION

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 22/12/2010

REV. NO./REPL. SDS GENERATED 13/08/2010

SDS NO. 10404

RISK PHRASES IN FULL

R34 Causes burns.
 R10 Flammable.
 R20/22 Harmful by inhalation and if swallowed.
 R22 Harmful if swallowed.
 R21/22 Harmful in contact with skin and if swallowed.
 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R36/38 Irritating to eyes and skin.
 R37 Irritating to respiratory system.
 R43 May cause sensitisation by skin contact.
 R62 Possible risk of impaired fertility.
 R41 Risk of serious damage to eyes.