



SAFETY DATA SHEET

TREMCO ES400 PART B (formerly TREMPRIME DS)

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

PRODUCT NAME	TREMCO ES400 PART B (formerly TREMPRIME DS)
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
PRODUCT NO.	10455
APPLICATION	Curative for a screed adhesion primer
EMERGENCY TELEPHONE	+44 (0) 1942 251400 (UK)

2 HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed.
 Causes burns.
 May cause sensitisation by skin contact.
 Possible risk of impaired fertility.
 CLASSIFICATION (1999/45) Xn;R20/22. Repr. Cat. 3;R62. 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	5-10%	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.
SALICYLIC ACID	200-712-3	69-72-7	1-5%	Xn;R22. Xi;R41.

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.

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. 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. Take precautionary measures against static discharges.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

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

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Avoid acids, moisture, and combustible materials. Wear full protective clothing for prolonged exposure and/or high concentrations.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use protective gloves made of: Nitrile.

EYE PROTECTION

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

OTHER PROTECTION

Provide eyewash, quick drench. Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

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COLOUR	Brown		
ODOUR	Amine. Fishy.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	135°C 760 mm Hg	RELATIVE DENSITY	1.03 @ 20°C
VISCOSITY	450 - 1400 mPa.s @ 25°C	FLASH POINT (°C)	85°C P/M Pinsky-Martens.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Water, moisture. Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong acids. Strong alkalis. Strong oxidising substances.

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.

SPECIFIC EFFECTS

Contains a substance/a group of substances with possible risk of impaired fertility.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste product is classified as Hazardous Waste

Contaminated rags etc are also hazardous waste, as are uncleaned cans.

Mixed, fully cured product is not classified as hazardous

DISPOSAL METHODS

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

WASTE CLASS

Hazard Classification: H5 H8 EWC Code: 08 04 09

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	AMINES, LIQUID, CORROSIVE N.O.S.(Mixture of m-xylene diamine and isophoronediamine)		
UN NO. ROAD	2735	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	III

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TUNNEL RESTRICTION CODE	(E)	ADR LABEL NO.	8
UN NO. SEA	2735	IMDG CLASS	8
IMDG PACK GR.	III	MARINE POLLUTANT	No.
UN NO. AIR	2735	AIR CLASS	8
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS

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

RISK PHRASES

R20/22 Harmful by inhalation and if swallowed.
 R34 Causes burns.
 R43 May cause sensitisation by skin contact.
 R62 Possible risk of impaired fertility.

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.
 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 13/08/2010

REV. NO./REPL. SDS GENERATED 23/10/2006

SDS NO. 10356

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.