



SAFETY DATA SHEET

CS900 EPOXICOTE CONTRACT KIT - PART A

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

PRODUCT NAME	CS900 EPOXICOTE CONTRACT KIT - PART A
PRODUCT NO.	10923
APPLICATION	Resin component of a 2-part epoxy flooring compound
SUPPLIER	Tremco illbruck Production 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

Irritating to eyes and skin.

May cause sensitisation by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R36/38. R43. N;R51/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZYL ALCOHOL	202-859-9	100-51-6	5-10%	Xn;R20/22
BISPHENOL A/F EPOXY RESIN		40216-08-8	30-50%	Xi;R36/38. N;R51/53. R43.
HEXANEDIOLDIGLYCIDYL ETHER	240-260-4	16096-31-4	1-5%	Xi;R36/38. R43,R52/53.
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA (Note P)	265-199-0	64742-95-6	<2%	Xn;R65. R10.

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.

INGESTION

Do not induce vomiting. Rinse mouth thoroughly. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes and seek medical attention.

EYE CONTACT

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

CS900 EPOXICOTE CONTRACT KIT - PART A

EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

DO NOT USE: Water jet.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed.

PROTECTIVE MEASURES IN FIRE

Wear full protective clothing. Use air-supplied respirator during fire fighting.

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. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of vapours. Once mixed product should be used within 10 minutes. If left for longer it will become very hot. Provide good ventilation. Avoid contact with skin and eyes.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 5°C and 30°C. Keep dry. Protect from heat and direct sunlight. Store away from Acids. Oxidising material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA (Note P)	SUP	100 ppm				

INGREDIENT COMMENTS

SUP = Supplier's recommendation.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Use protective gloves. PVC or rubber gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

CS900 EPOXICOTE CONTRACT KIT - PART A

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	According to product specification		
ODOUR	Mild		
SOLUBILITY	Insoluble in water Immiscible with water		
BOILING POINT (°C)	> 200°C	RELATIVE DENSITY	~ 1.56
FLASH POINT (°C)	> 200°C		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid exposure to high temperatures or direct sunlight.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures may form toxic and corrosive vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

MOBILITY

Mobile.

DEGRADABILITY

The product is not readily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste.

Empty containers containing residual product are classified as hazardous waste.

Mixed, fully cured product is not classified as hazardous

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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

WASTE CLASS

EWC Code: 08 01 11 Hazard Classification: H4 H14

14 TRANSPORT INFORMATION

CS900 EPOXICOTE CONTRACT KIT - PART A



PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN MIXTURE)		
UN NO. ROAD	3082	ADR CLASS	Class 9: Other dangerous substances.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(E)
HAZARD NO. (ADR)	90 Environmentally hazardous substance; miscellaneous dangerous substances.	UN NO. SEA	3082
IMDG CLASS	9	IMDG PACK GR.	III
MARINE POLLUTANT	No.	UN NO. AIR	3082
AIR CLASS	9	AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Irritant



Dangerous for the environment

CONTAINS

BISPHENOL A/F EPOXY RESIN

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

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.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

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	16/12/2009
REV. NO./REPL. SDS GENERATED	11/02/2009
SDS NO.	10970

CS900 EPOXICOTE CONTRACT KIT - PART A

RISK PHRASES IN FULL

R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
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 DATA SHEET

CS900 EPOXICOTE CONTRACT KIT - HARDENER

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

PRODUCT NAME	CS900 EPOXICOTE CONTRACT KIT - HARDENER
PRODUCT NO.	10924
APPLICATION	Hardener component of an epoxy floor coating system
SUPPLIER	Tremco illbruck Production 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, in contact with skin and if swallowed.

Causes burns.

May cause sensitisation by skin contact.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R20/21/22. C;R34. R43. R52/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZYL ALCOHOL	202-859-9	100-51-6	30-50%	Xn;R20/22
ISOPHORONEDIAMINE	220-666-8	2855-13-2	20-40%	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.
POLYOXYALKYLENE AMINE		9046-10-0	5-10%	Xn;R21/22. C;R34.
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

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.

INGESTION

Do not induce vomiting. Rinse mouth thoroughly. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes and seek medical attention.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

CS900 EPOXICOTE CONTRACT KIT - HARDENER

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Larger fires:

Water spray.

Foam.

Small fires:

Carbon dioxide or dry powder.

DO NOT USE: Water jet.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

SPECIFIC HAZARDS

In case of fire, toxic gases may be formed.

PROTECTIVE MEASURES IN FIRE

Wear full protective clothing. Use air-supplied respirator during fire fighting.

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.

Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of vapours. Once mixed product should be used within 10 minutes. If left for longer it will become very hot. Provide good ventilation. Avoid contact with skin and eyes.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 5°C and 30°C. Keep dry. Protect from heat and direct sunlight. Store away from Acids. Oxidising material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

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

HAND PROTECTION

Use protective gloves. PVC or rubber gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

CS900 EPOXICOTE CONTRACT KIT - HARDENER

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Light (or pale) Yellow		
ODOUR	Ammonia		
SOLUBILITY	Partially soluble in water Miscible with water.		
BOILING POINT (°C)	> 100°C	RELATIVE DENSITY	~ 1.04
pH-VALUE, DILUTED SOLUTION	11 for 50% aqueous solution	FLASH POINT (°C)	> 100°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid frost. Avoid exposure to high temperatures or direct sunlight.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Metals Peroxides and other radical-forming substances

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures may form toxic and corrosive vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

May cause severe internal injury.

SKIN CONTACT

May cause sensitisation by skin contact. Harmful in contact with skin. Causes burns.

EYE CONTACT

May cause chemical eye burns.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

MOBILITY

Mobile.

DEGRADABILITY

The product is not readily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste.

Empty containers containing residual product are classified as hazardous waste.

Mixed, fully cured product is not classified as hazardous

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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

WASTE CLASS

Hazard Classification: H5 H8 H14 EWC Code: 08 01 11

14 TRANSPORT INFORMATION

CS900 EPOXICOTE CONTRACT KIT - HARDENER



PROPER SHIPPING NAME	ISOPHORONEDIAMINE SOLUTION		
AIR TRANSPORT NOTES	Keep from freezing		
UN NO. ROAD	2289	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(E)
HAZARD NO. (ADR)	80 Corrosive or slightly corrosive substance.	UN NO. SEA	2289
IMDG CLASS	8	IMDG PACK GR.	III
MARINE POLLUTANT	No.	UN NO. AIR	2289
AIR CLASS	8	AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Corrosive



Harmful

CONTAINS

ISOPHORONEDIAMINE
M-PHENYLENEBIS(METHYLAMINE)

RISK PHRASES

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

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).
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

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	16/12/2009
REV. NO./REPL. SDS GENERATED	11/02/2009
SDS NO.	10968

CS900 EPOXICOTE CONTRACT KIT - HARDENER

RISK PHRASES IN FULL

R34	Causes burns.
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.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.