



SAFETY DATA SHEET
ULTRA DPM IT EPOXY RESIN

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

PRODUCT NAME ULTRA DPM IT EPOXY RESIN
SUPPLIER Instarmac Group plc
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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
C13-C15 ALKYLGLYCIDYLETHER		68081-84-5	10-30%	Xi;R36/38. R43.
EPOXY RESIN (Number average MW <= 700)	500-033-5	25068-38-6	30-60%	R43 Xi;R36/38 N;R51/53
NONYLPHENOL	246-672-0	25154-52-3	1-10%	Repr. Cat. 3;R62,R63 C;R34 Xn;R22 N;R50/53
TRIPHENYL PHOSPHITE	202-908-4	101-02-0	1-10%	Xi;R36/38 N;R50/53

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Immediately remove contaminated clothing.

INHALATION

Move into fresh air and keep at rest. In case of breathing difficulties or distress, seek medical attention.

INGESTION

Wash out mouth with water Get medical attention. If this is not immediately available, drink one or two pints of water.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Powder. Foam. Carbon dioxide (CO2).

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SPECIAL FIRE FIGHTING PROCEDURES

Self-contained breathing apparatus.

SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with skin and eyes. Wear goggles/face shield. Impervious gloves. Impervious Clothing

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Prevent seepage into sewage system, workpits and cellars. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb spillage with suitable absorbent material. Dispose of according to applicable regulations, see Section 13, DISPOSAL CONSIDERATIONS. Provide adequate ventilation.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide adequate general and local exhaust ventilation.

STORAGE PRECAUTIONS

Store in a cool place. Store in tightly closed original container in a dry and cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY EQUIPMENT

Organic vapour cartridge masks in poorly ventilated areas.

HAND PROTECTION

Impervious gloves.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Avoid contact with skin and eyes.

SKIN PROTECTION

Wear full protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Light (or pale) Yellow		
ODOUR	Weak		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	>200	FLASH POINT (°C)	>100 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

High temperature

MATERIALS TO AVOID

May react with considerable heat build up with amines, mercaptans and acids.

ULTRA DPM IT EPOXY RESIN

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic nitrogen and carbon oxides produced in fire. Ammonia when heated. Incomplete combustion may produce toxins e.g. Nitriles.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >10000 mg/kg (oral rat)

GENERAL INFORMATION

Mutagenicity. Ames tests on salmonella typhimurium : positive.

SKIN CONTACT

Irritant to skin and mucous membrane May cause sensitisation by skin contact.

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The above epoxy resin was classified as dangerous for the environment by Association of Plastic Manufactures in Europe (APME) based on available data and knowledge. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

DEGRADABILITY

The product is not readily biodegradable.

ACUTE FISH TOXICITY

The acute toxicity for fish/daphnia/algae can be estimated at 1-10mg/l.

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.

DISPOSAL METHODS

Burn in compliance with operative regulations in a hazardous waste incinerator. Do not dispose of with household garbage. Do not allow to reach sewage system. Container can be re-used after cleaning. Dispose of washing solution in the same way as product.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

LABELLING



Irritant



Dangerous for the environment

CONTAINS

C13-C15 ALKYLGLYCIDYLETHER
EPOXY RESIN (Number average MW <= 700)
NONYLPHENOL
TRIPHENYL PHOSPHITE

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.

ULTRA DPM IT EPOXY RESIN

SAFETY PHRASES

S28	After contact with skin, wash immediately with plenty of water.
S37/39	Wear suitable gloves and eye/face protection.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

NATIONAL REGULATIONS

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007)

16 OTHER INFORMATION

GENERAL INFORMATION

If further information on training is required contact Instarmac Group plc

REVISION DATE 17/07/2007

REV. NO./REPL. SDS GENERATED 1

RISK PHRASES IN FULL

R22	Harmful if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to the unborn child.

DISCLAIMER

The purpose of the above information is to describe the products only in terms of health and safety requirements. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date specified.

All goods are supplied in accordance with Instarmac Group plc's general conditions of sale, copies of which may be obtained by telephoning sales on 01827 872244



SAFETY DATA SHEET ULTRA DPM IT HARDNER

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PRODUCT NAME ULTRA DPM IT HARDNER

SUPPLIER Instarmac Group plc
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www.instarmac.co.uk

EMERGENCY TELEPHONE +44 (0)7971 217 347

2 HAZARDS IDENTIFICATION

Causes burns. Harmful in contact with skin and if swallowed. May cause sensitisation by skin contact. Irritating to eyes and skin.

CLASSIFICATION Xn;R21/22. C;R34. Xi;R36/38. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-PIPERAZIN-1-YLETHYLAMINE	205-411-0	140-31-8	10-30%	C;R34 Xn;R21/22 R43 R52/53
NONYLPHENOL	246-672-0	25154-52-3	30-60%	Repr. Cat. 3;R62,R63 C;R34 Xn;R22 N;R50/53
POLYALKYLAMINE		9046-10-0	30-60%	C;R34.
TRIS-2,4,6-(DIMETHYLAMINOMETHYL)-PHENOL			1-10%	Xn;R22. Xi;R36/38.

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Immediately remove contaminated clothing.

INHALATION

Move into fresh air and keep at rest. In case of breathing difficulties or distress, seek medical attention.

INGESTION

Rinse mouth thoroughly. Get medical attention. If this is not immediately available, drink one or two pints of water.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

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

EXTINGUISHING MEDIA

Foam, carbon dioxide or dry powder.

ULTRA DPM IT HARDNER

SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with skin and eyes. Wear tight-fitting goggles or face shield. Wear overalls and impervious gloves Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Prevent seepage into sewage system, workpits and cellars. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Cover spills with sand, earth or sodium bisulphate to neutralise and reduce vapour.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide adequate general and local exhaust ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY EQUIPMENT

In case of inadequate ventilation, use air-supplied full-mask.

HAND PROTECTION

Impervious gloves

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Immediately remove contaminated clothing. Wash at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION

Wear full protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Straw
ODOUR	Ammonia Irritating.
SOLUBILITY	Insoluble in water
FLASH POINT (°C)	>100 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

High temperature

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Amines.

ULTRA DPM IT HARDNER

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic nitrogen and carbon oxides produced in fire. Ammonia when heated. Incomplete combustion may produce toxins e.g. Nitriles.

11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

INGESTION

Moderate acute toxicity. Risk of burns on mucous membranes. May cause nausea, vomiting and diarrhea.

SKIN CONTACT

Irritating to skin. Risk of burns.

EYE CONTACT

Corrosive, may cause irreversible damage.

HEALTH WARNINGS

Sensitisation possible.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

DEGRADABILITY

The product is not readily biodegradable.

ACUTE FISH TOXICITY

No data available.

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.

DISPOSAL METHODS

Burn in compliance with operative regulations in a hazardous waste incinerator. Do not dispose of with household garbage. Do not allow to reach sewage system. Container can be re-used after cleaning. Dispose of washing solution in the same way as product.

14 TRANSPORT INFORMATION

UN NO. ROAD	2735	UK ROAD PACK GR.	III
ADR CLASS	Class 8: Corrosive substances.	UN NO. SEA	2735
IMDG CLASS	8	UN NO. AIR	2735

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS

2-PIPERAZIN-1-YLETHYLAMINE
NONYLPHENOL
POLYALKYLAMINE

RISK PHRASES

R34 Causes burns.
R21/22 Harmful in contact with skin and if swallowed.

ULTRA DPM IT HARDNER

R43 May cause sensitisation by skin contact.
R36/38 Irritating to eyes and skin.

SAFETY PHRASES

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 water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health (Amendment) Regulations 2004 Chemicals (Hazard Information & Packaging) Regulations.

ENVIRONMENTAL LISTING

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RISK PHRASES IN FULL

R21/22 Harmful in contact with skin and if swallowed.
R22 Harmful if swallowed.
R34 Causes burns.
R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62 Possible risk of impaired fertility.
R63 Possible risk of harm to the unborn child.

DISCLAIMER

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