

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	ICPXHEA
Product Name	Icosit Poxicolor Primer HE Part A
Product Description	2-component Epoxy resin based primer
Manufacturer/Supplier	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Epoxy resin (No.Av. mol.wt. < 700)	25068-38-6	10.00% - 25.00%	Xi, N	R36/38, R43, R51/53
Aliphatic glycidyl ether	68609-97-2	1.00% - 2.50%	Xi, N	R38, R43, R51/53
Xylene	1330-20-7	10.00% - 25.00%	Xn	R10, R20/21, R38
Ethyl benzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20
Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	1.00% - 2.50%	Xn, N	R10, R51/53, R65, R66, R67

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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4. FIRST AID MEASURES

Eye Contact	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
Skin Contact	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide. Dry sand may be used on small fires.
Extinguishing Media - Not suitable	Do not use water jet.
Special Hazards of Product	Combustion will produce smoke,carbon dioxide and carbon monoxide.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing. Eliminate all sources of ignition.

Environmental Precautions and Clean-up

Ventilate area to dispel any residual vapours.

Methods

Try to prevent the material from entering drains or water courses.

Spillages

Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Use in well ventilated area. Avoid inhaling vapour.

Storage

Avoid contact with eyes, skin and clothing.

Storage area should be: cool. dry. well ventilated. out of direct sunlight.

Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

Xylene

UK EH40: OES 50ppm (220mg/m³) 8h TWA.

UK EH40: OES 100ppm (441mg/m³) 15min STEL

Ethyl benzene

UK EH40: OES 100ppm (441mg/m³) 8h TWA.

UK EH40: OES 125ppm (552mg/m³) 15min STEL

Engineering Control Measures

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection

Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection

Wear suitable impervious gloves. (Butyl/ Nitrile type)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Viscous liquid.

Color

Various

Odor

Solvent

Flash Point °C

39

Solubility - Water

Immiscible.

Density (kg/m³)

Approx. 1300 at 20 °C.

Viscosity (at 20°C)

Approx. 3000 at 20 °C. (measured as mPa.s)

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Contains volatile solvent.

Conditions to avoid

Sources of ignition.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon. acrid smoke and irritating fumes.



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11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Excessive exposure may produce anaesthetic or narcotic effects. Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent skin contact may cause irritation and defatting due to the solvent content.
<i>Sensitization - Skin</i>	The low molecular weight epoxy resin is a potential skin sensitiser.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is insoluble in water.
<i>Persistence/degradability</i>	The product is expected to be not readily biodegradable.
<i>Ecotoxicity</i>	This material is harmful to aquatic organisms.

13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>UN :</i>	<i>UN number</i>	1263
<i>UN :</i>	<i>Proper shipping name</i>	Paint
<i>UN :</i>	<i>Class</i>	3.3
<i>UN :</i>	<i>Packing Group</i>	3
<i>ADR/RID :</i>	<i>Number</i>	1263
<i>ADR/RID :</i>	<i>Proper shipping name</i>	Paints - flash point between 21°C and 55°C.
<i>ADR/RID :</i>	<i>Class</i>	3
<i>ADR/RID :</i>	<i>Item Number</i>	31(c)
<i>ADR/RID :</i>	<i>Hazard Identification Number</i>	30
<i>IMDG :</i>	<i>Proper shipping name</i>	Paint.
<i>IMDG :</i>	<i>Packing Group</i>	3
<i>IMDG :</i>	<i>Class</i>	3.3
<i>IMDG :</i>	<i>Ems Number</i>	3-05
<i>IMDG :</i>	<i>MFAG Number</i>	310 313
<i>IATA :</i>	<i>Proper shipping name</i>	Paint.
<i>IATA :</i>	<i>Packing Group</i>	3
<i>IATA :</i>	<i>Class</i>	3



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15. REGULATORY INFORMATION

Label Requirements

Harmful



Risk Phrases

Flammable.
Irritating to eyes and skin.
Harmful by inhalation and in contact with skin.
May cause sensitisation by skin contact.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

Avoid contact with skin.
Wear suitable protective clothing and gloves
Use only in well ventilated areas.

Contains epoxy constituents. See information supplied by the manufacturer.

16. OTHER INFORMATION

First Issue Date

17.10.2000

Revisions Highlighted

Composition / information on ingredients
Main Hazards
Exposure controls/personal protection
Ecological Information
R phrases

Uses and Restrictions

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

UK Legislation

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.
SI 1999/437: The Control of Substances Hazardous to Health Regulations
SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.
SI No. 972/1996: The Special Waste Regulations 1996
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

General Approved Code of Practice to COSHH Regulations, HSE.
EH40, Occupational Exposure Limits, HSE. Revised Annually.

Footnote

The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code ICPXHEB
Product Name Icosit Poxicolor Primer HE Part B
Product Description 2-component Epoxy resin based primer
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Xylene	1330-20-7	2.50% - 10.00%	Xn	R10, R20/21, R38
Ethyl benzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20
Butan-1-ol	71-36-3	2.50% - 10.00%	Xn	R10, R22, R37/38, R41, R67
2,4,6-Tri(dimethylaminomethyl) phenol	90-72-2	2.50% - 10.00%	Xn	R22, R36/38
1,2-diaminoethane	107-15-3	1.00% - 2.50%	C	R21/22, R34, R42/43

3. HAZARD IDENTIFICATION

Main Hazards Flammable
Harmful by inhalation.
Irritating to eyes and skin.
May cause sensitization by inhalation and skin contact.

4. FIRST AID MEASURES

Eye Contact Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.
Obtain medical attention urgently.

Skin Contact Wash skin thoroughly with soap and water.
Obtain medical attention if blistering occurs or redness persists.
Contaminated clothing should be washed or dry-cleaned before re-use.

Ingestion Do not induce vomiting.
Obtain medical attention.

Inhalation Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use foam, dry chemical or carbon dioxide.
Dry sand may be used on small fires.

Extinguishing Media - Not suitable Do not use water jet.

Special Hazards of Product Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.

Protective Equipment for Fire-Fighting Wear full protective clothing and self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing. Eliminate all sources of ignition.

Environmental Precautions and Clean-up

Ventilate area to dispel any residual vapours.

Methods

Try to prevent the material from entering drains or water courses.

Spillages

Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE**Handling**

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Use in well ventilated area. Avoid inhaling vapour.

Storage

Avoid contact with eyes, skin and clothing.

Storage area should be: cool. dry. well ventilated. out of direct sunlight.

Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits - GB**

Xylene

UK EH40: OES 50ppm (220mg/M3) 8 hr. TWA

Ethyl benzene

UK EH40: OES 100ppm (441mg/M3) 15 min STEL

UK EH40: OES 100ppm (441mg/m3) 8h TWA.

Butan-1-ol

UK EH40: OES 125ppm (552mg/m3) 15min STEL

1,2-diaminoethane

UK EH40: OES 50ppm (154mg/m3) 15 min STEL

UK EH40: OES 10 ppm (25 mg/M3) 8 hr. TWA

Engineering Control Measures

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection

Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection

Wear suitable impervious gloves. (butyl/ nitrile type)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Red - Brown.

Odor

Ammoniacal.

Flash Point °C

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Solubility - Water

Immiscible.

Density (kg/m3)

Approx. 960 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.



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10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Contains volatile solvent. Sources of ignition.
<i>Hazardous Decomposition Products</i>	Combustion will generate: oxides of carbon. oxides of nitrogen. acid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity. Excessive exposure may produce anaesthetic or narcotic effects.
<i>Eye irritation</i>	Irritating to the eyes. Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent skin contact may cause irritation and defatting due to the solvent content.
<i>Sensitization - Skin</i>	May cause sensitisation.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is sparingly soluble in water.
<i>Persistence/degradability</i>	The product is expected to be not readily biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.

13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>UN :</i>	<i>UN number</i>	1263
<i>UN :</i>	<i>Proper shipping name</i>	Paints or Materials related to paints.
<i>UN :</i>	<i>Class</i>	3
<i>UN :</i>	<i>Packing Group</i>	3
<i>ADR/RID :</i>	<i>Number</i>	1263
<i>ADR/RID :</i>	<i>Proper shipping name</i>	Paint
<i>ADR/RID :</i>	<i>Class</i>	3
<i>ADR/RID :</i>	<i>Item Number</i>	31(c)
<i>IMDG :</i>	<i>Proper shipping name</i>	Paint
<i>IMDG :</i>	<i>Packing Group</i>	3
<i>IMDG :</i>	<i>Class</i>	3
<i>IMDG :</i>	<i>Ems Number</i>	3-05
<i>IATA :</i>	<i>Packing Group</i>	3
<i>IATA :</i>	<i>Class</i>	3



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Icosit Poxicolor Primer HE Part B

Date of issue - 06/09/2002.

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15. REGULATORY INFORMATION

Label Requirements

Harmful



Risk Phrases

Flammable.
Harmful by inhalation.
Irritating to eyes and skin.
May cause sensitization by inhalation and skin contact.

Safety Phrases

Do not breathe gas/fumes/vapor/spray
Avoid contact with skin.
Wear suitable gloves
Use only in well-ventilated areas.
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Contains

Ethylenediamine

16. OTHER INFORMATION

First Issue Date

17.10.2000

Revisions Highlighted

Composition / information on ingredients
Main Hazards
Regulatory Information

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