

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	IPXTFA
Product Name	Inertol Poxitar F Part A
Product Description	2-component chemical resistant coating for steel and concrete based on epoxy resin.
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
2,2'-Dimethyl-4,4'-Methylenebis(cyclohexylamine)	6864-37-5	2.50%-10.00%	T, C, N	R22, ,, R23/24, ,, R35, ,, R51/53
(Z)-N-9-Octadecenylpropan-1,3-diamine	7173-62-8	1.00%-2.50%	C, N	R34, R22, R50
Biphenyl-2-ol	90-43-7	2.50% - 10.00%	Xi, N	R36/37/38, R50/53
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	2.50% - 10.00%	Xn, N	R10, R37, R51/53, R65, R66, R67

3. HAZARD IDENTIFICATION

Main Hazards	Harmful by inhalation and in contact with skin. Causes burns. Toxic 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	Wipe off as much as possible with a clean dry cloth. Wash skin thoroughly with soap and water. Solvents should not be used to clean skin because they may increase the penetration of the material.
Ingestion	Do not induce vomiting. Wash out mouth with water. Obtain medical attention urgently.
Inhalation	Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Not readily combustible. Use foam, dry chemical or carbon dioxide.
Extinguishing Media - Not suitable	Do not use water jet.
Special Hazards of Product	Combustion will produce smoke, carbon dioxide and carbon monoxide.



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Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing.

Environmental Precautions and Clean-up 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

Use in well ventilated area.

Storage

Avoid contact with eyes, skin and clothing.

Storage area should be: cool. dry.

Storage temperature should be controlled to between 5 and 25 °C.

Store in the original container securely closed . Keep away from foodstuffs

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

None assigned

Engineering Control Measures

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

Respiratory Protection

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

Hand Protection

Wear suitable impervious gloves. (nitrile/butyl rubber)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Viscous liquid.

Color

Various

Odor

Faint. Characteristic.

Flash Point °C

66

Explosion Limits (%)

Not determined.

Solubility - Water

Insoluble.

Density (kg/m³)

Approx. 2050 at 20 °C.

Viscosity (at 20°C)

Viscous liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Sources of ignition. High temperatures.

Hazardous Decomposition Products

Heating may produce: oxides of carbon acrid smoke and irritating fumes.



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11. TOXICOLOGICAL INFORMATION

Eye irritation This material is corrosive to the eye.
Skin irritation This material is corrosive to the skin.

12. ECOLOGICAL INFORMATION

Mobility The product is insoluble in water.
Persistence/degradability The product is expected to be not readily biodegradable.
Ecotoxicity The product may be harmful to aquatic organisms.

13. DISPOSAL

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

14. TRANSPORT INFORMATION

UN : UN number 1760
UN : Proper shipping name Corrosive liquid, n.o.s.
UN : Class 8
UN : Packing Group 3
ADR/RID : Number 1760
ADR/RID : Proper shipping name Corrosive Liquid, N.O.S.
ADR/RID : Class contains 2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine)
ADR/RID : Item Number 66(c)
ADR/RID : Hazard Identification Number 80
IMDG : Proper shipping name Corrosive liquid, N.O.S.
IMDG : Packing Group 3
IMDG : Class 8
IMDG : Ems Number 8-15
IMDG : MFAG Number 8147
IATA : Packing Group 3
IATA : Class 8

15. REGULATORY INFORMATION

Label Requirements Corrosive, Dangerous for the environment



Risk Phrases Causes burns.
Harmful by inhalation and in contact with skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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Safety Phrases

Do not breathe gas/fumes/vapour/spray.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing, gloves and eye/face protection.
In case of insufficient ventilation, wear suitable respiratory equipment.
Use only in well ventilated areas.
If swallowed seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

First Issue Date

29.06.1995

Revisions Highlighted

Composition/Information on the Components
Main Hazards
Regulatory Information

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	IPXTFB
Product Name	Inertol Poxitar F Part B
Product Description	2-component chemical resistant coating for steel and concrete based on epoxy resin.
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	50.00% - 10.00%	Xi, N	R36/38, R43, R51/53
Ethylbenzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20
Xylene	1330-20-7	2.50% - 10.00%	Xn	R10, R20/21, R38

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. 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.
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4. FIRST AID MEASURES

Eye Contact	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention urgently.
Skin Contact	Wash skin thoroughly with soap and water. Solvents should not be used to clean skin because they may increase the penetration of the material. If material proves difficult to remove, use suitable skin cleanser (not solvent). Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	In cases of possible respiratory irritation or if feeling unwell in cases of prolonged 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 Methods Spillages

Ventilate area to dispel any residual vapours.
Try to prevent the material from entering drains or water courses.

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 50 ppm (220 mg/m³) 8h TWA.

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

Ethyl benzene

UK EH40: OES 100ppm (220 mg/m³) 8h TWA.

UK EH40: OES 125ppm (552 mg/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. (nitrile/butyl rubber)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Light - Yellow.

Odor

Aromatic.

Flash Point °C

Approx. 23

Solubility - Water

Immiscible.

Density (kg/m³)

Approx. 1100 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Contains volatile solvent.

Conditions to avoid

Extremes of temperature.

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>	The product is expected to be moderately toxic to aquatic species.

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

Irritant, Dangerous for the environment



Risk Phrases

Flammable.
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.

Safety Phrases

Avoid contact with skin.
Wear suitable gloves.
Use only in well-ventilated areas.

Contains epoxy constituents. See information supplied by the manufacturer.

16. OTHER INFORMATION

First Issue Date

29.06.1995

Revisions Highlighted

Exposure controls/personal protection

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 2002/2677: The Control of Substances Hazardous to Health Regulations
SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations
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.
HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.

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.