

**PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	IPXTFA
<b>Product Name</b>	Inertol Poxitar F Part A
<b>Product Description</b>	2-component chemical resistant coating for steel and concrete based on epoxy resin.
<b>Manufacturer/Supplier</b>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

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

<b>Component</b>		<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
1) 2,2'-Dimethyl-4,4'-Methylenebis(cyclohexylamine)	6864-37-5	2.50%-10.00%	T, C, N	R22, ., R23/24, ., R35, ., R51/53
2) (Z)-N-9-Octadecenylpropan-1,3-diamine	7173-62-8	1.00%-2.50%	C, N	R34, R22, R50
3) Biphenyl-2-ol	90-43-7	2.50% - 10.00%	Xi, N	R36/37/38, R50/53
4) Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	2.50% - 10.00%	Xn, N	R10, R37, R51/53, R65, R66, R67

**HAZARD IDENTIFICATION**

<b>Main Hazards</b>	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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**FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
<b>Skin Contact</b>	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.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth with water. Obtain medical attention urgently.
<b>Inhalation</b>	Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure,obtain medical attention.

**FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Not readily combustible. Use foam, dry chemical or carbon dioxide.
<b>Extinguishing Media - Not suitable</b>	Do not use water jet.
<b>Special Hazards of Product</b>	Combustion will produce smoke,carbon dioxide and carbon monoxide.
<b>Protective Equipment for Fire-Fighting</b>	Wear full protective clothing and self-contained breathing apparatus.



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**ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

**HANDLING AND STORAGE**

<i>Handling</i>	Use in well ventilated area. Avoid contact with eyes, skin and clothing.
<i>Storage</i>	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

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

<i>Occupational Exposure Standards</i>	None assigned
<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<i>Respiratory Protection</i>	Respiratory protection if there is a risk of exposure to high vapour concentrations.
<i>Hand Protection</i>	Wear suitable impervious gloves. (nitrile/butyl rubber)
<i>Eye Protection</i>	Chemical goggles.

**PHYSICAL AND CHEMICAL PROPERTIES**

<i>Physical State</i>	Viscous liquid.
<i>Color</i>	Various
<i>Odor</i>	Faint. Characteristic.
<i>pH</i>	Not applicable.
<i>Flash Point °C</i>	66
<i>Explosion Limits ( % )</i>	Not determined.
<i>Solubility - Water</i>	Insoluble.
<i>Density (kg/m3)</i>	Approx. 2050 at 20 °C.
<i>Viscosity ( at 20°C )</i>	Viscous liquid at ambient temperatures.

**STABILITY AND REACTIVITY**

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Sources of ignition. High temperatures.
<i>Hazardous Decomposition Products</i>	Heating may produce: oxides of carbon acrid smoke and irritating fumes.



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**TOXICOLOGICAL INFORMATION**

*Eye irritation* This material is corrosive to the eye.

*Skin irritation* This material is corrosive to the skin.

**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.

**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.

**TRANSPORT INFORMATION**

*UN : UN number* 1760

*UN : Proper shipping name* Corrosive liquid, n.o.s.

*UN : Class* 8

*UN : Packing Group* 3

*ADR/RID Substance Identification Number* 1760

*ADR/RID Proper shipping name* Corrosive Liquid, N.O.S.  
contains 2,2'-Dimethyl-4,4'-methylenbis(cyclohexylamine)

*ADR/RID Class* 8

*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

**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.



## SAFETY DATA SHEET

### Inertol Poxitar F Part A

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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.

#### **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.

**PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	IPXTFB
<b>Product Name</b>	Inertol Poxitar F Part B
<b>Product Description</b>	2-component chemical resistant coating for steel and concrete based on epoxy resin.
<b>Manufacturer/Supplier</b>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

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

<b>Component</b>		<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
1) Epoxy resin ( No.Av. mol.wt. < 700)	25068-38-6	50.00% - 10.00%	Xi, N	R36/38, R43, R51/53
2) Ethylbenzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20
3) Xylene	1330-20-7	2.50% - 10.00%	Xn	R10, R20/21, R38

**HAZARD IDENTIFICATION**

<b>Main Hazards</b>	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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**FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention urgently.
<b>Skin Contact</b>	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.
<b>Ingestion</b>	Do not induce vomiting. Obtain medical attention.
<b>Inhalation</b>	In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

**FIRE FIGHTING MEASURES**

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

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing. Eliminate all sources of ignition. Ventilate area to dispel any residual vapours.

**Environmental Precautions and Clean-up Methods Spillages**

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.

**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.

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

1) Ethyl benzene

UK EH40: OES 100ppm (435mg/m<sup>3</sup>) 8h TWA.

UK EH40: OES 125ppm (545mg/m<sup>3</sup>) 15min STEL

2) Xylene

UK EH40: OES 100ppm (435mg/m<sup>3</sup>) 8h TWA.

UK EH40: OES 150ppm (650mg/m<sup>3</sup>) 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.

**PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid.

**Color**

Light - Yellow.

**Odor**

Aromatic.

**pH**

Not applicable.

**Flash Point °C**

Approx. 23

**Solubility - Water**

Immiscible.

**Density (kg/m<sup>3</sup>)**

Approx. 1100 at 20 °C.

**Viscosity ( at 20°C )**

Mobile liquid at ambient temperatures.

**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.

**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.

**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.

**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.

**TRANSPORT INFORMATION**

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



**SAFETY DATA SHEET**  
**Inertol Poxitar F Part B**

Date of issue - 28/01/2002.

IPXTFB

**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.

**OTHER INFORMATION**

**First Issue Date**

29.06.1995

**Revisions Highlighted**

Composition/Information on the Components  
Main Hazards  
Regulatory information

**Uses and Restrictions**

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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.

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