

TS72 Part A Primer Base

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Issued: 03/06/2020, Revision No: 5
Regulation (EC) No. 453/2010

1. IDENTIFICATION OF SUBSTANCE / MIXTURE OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
Material name: TS72 Primer Base
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Product use: Component of epoxy coating
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer / Supplier: IMG Ltd.,
Unit M
Riverside Industrial Estate
Fazeley
Tamworth
B78 3RW
- Telephone: 01827 283322
Fax: 01827 250143
Email (for SDS): sales@img-limited.co.uk
- 1.4 Emergency tel. no:** 01827 283322 (Available from 8.30 – 17.00 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Physical and Chemical hazards	Not classified
Human Health	Skin Irr.2; H315; Eye Irr.2; H319; Skin Sens.1; H317
Environment	Aquatic Chronic 2; H411

2.2 Label elements

Label according to EC Directives: 1272/2008/EC:

Signal word: Warning

Pictogram(s):



Contains: Epoxy polymer, Phenol-Formaldehyde polymer, Oxirane, mono [(C12-14-alkyloxy)methyl] derivs.

Hazard Statements:	H319	Causes serious eye irritation.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H411	Toxic to aquatic life with long lasting effects.

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Precautionary Statements:	P280 P273 P305+P351+P338 P501	Wear protective gloves/eye protection/ face protection. Avoid release to the environment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/container to requirements of local authorities.
Supplemental label information:	Contains epoxy constituents. May produce an allergic reaction.	

Other hazards: This mixture does not contain any substances that are assessed to be a PBT of a vPvB.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components:

Chemical Name	CAS.No/ EC No./ Reg.No	Classification (1272/2008/EC)	Content
Epoxy Polymer	CAS: 1675-54-3 EC: 216-823-5 REACH: 01-2119456619-26 INDEX: 603-073-00-2	Skin Irr.2; H315 Eye Irr.2; H319 Skin Sens.1; H317 Aquatic Chronic 2; H411	≥50-≤75%
Phenol-Formaldehyde Polymer	CAS: 9003-36-5 EC: 500-006-8	Skin Irr.2; H315 Skin Sens.1; H317 Aquatic Chronic 2; H411	≥25-≤50%
Oxirane, mono [(C12-14-alkyloxy) methyl] derivs.	CAS: 68609-97-2 EC: 271-846-8	Skin Irr.2; H315 Skin Sens.1; H317	≥10-≤25%

See Section 16 for the full text of the H statements declared above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

Eye contact: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek medical advice.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin contact: Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing. Do NOT use solvents or thinners.

Ingestion: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Protection of first aiders: No action shall be taken involving any personal risk without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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4.2 Most important symptoms and effects, both acute and delayed: There are no data available on the mixture itself. If splashed in eyes, may cause irritation. Mixture may be a skin sensitiser.

4.3 Indication of any immediate medical attention and special treatment needed: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powders.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Decomposition products may include: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for fire-fighters

Cool closed containers exposed to fire with water. Do not release run off from fire to drains or watercourses.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Keep unnecessary people and unprotected personnel from entering.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminated lakes, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

6.4 Reference to other sections

See section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Store in original container and keep container tightly closed.

7.3 Specific end use(s)

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Not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Personal Protective Equipment

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices.

Hand protection: Wear suitable gloves tested to EN374.

Eye protection: Use safety eyewear designed to protect against splash of liquids.

Skin protection: Protective clothing.

Respiratory protection: Self-contained breathing apparatus may be required if handling in a confined space with no ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour:	Liquid.
Odour:	Characteristic.
Odour threshold:	No data available.
Flammability:	Not relevant due to nature of product.
Flash point:	499°C [Pensky-Martens Closed Cup].
Lower explosion limit:	Not relevant due to nature of product.
Upper explosion limit:	Not relevant due to nature of product.
Explosive properties:	No data available.
Thermal decomposition:	No data available.
Auto-ignition temperature:	No data available.
Oxidising properties:	No data available.
Solubility in water:	Insoluble.
Solubility in other solvents:	No data available.
pH:	No data available.
Melting point / range:	Not relevant due to nature of product.
Boiling point / range:	Not relevant due to nature of product.
Relative Density:	1.11.
Vapour pressure:	No data available.
Vapour density:	No data available.
Partition coefficient: n-octanol / water:	No data available.
Viscosity (kinematic):	>0.205cm ² /s @ 40°C.

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Evaporation rate: No data available.

9.2 Other information No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport and storage conditions.
10.2 Chemical stability	Stable under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Prolonged heat.
10.5 Incompatible materials	Keep away from the following materials; oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	Decomposition products may include the following materials; carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Contains reaction product: bis-[4-(2,3-epoxypropoxy)phenyl] propane, oxirane, mono[(C12-14-alkoxy)methyl] derivs.. May produce an allergic reaction.

Acute toxicity

Chemical Name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Epoxy Polymer Oxirane, mono [(C12-14-alkoxy)methyl] derivs.	17100 mg/kg (Rat)	No data available	20 g/kg (Rabbit)

Acute Toxicity estimates

No data available

Symptoms / routes of exposure

Skin corrosion / irritation:

Chemical Name	Result	Species	Exposure
Epoxy Polymer	Eyes – Severe irritant	Rabbit	24 hours 2 mg
	Skin – Mild irritant	Rabbit	500 mg
Phenol-Formaldehyde Polymer	Skin – Mild irritant	Rabbit	24 hours 500 microliters
Oxirane, mono [(C12-14-alkoxym)methyl] derivs.	Skin – Moderate irritant	Rabbit	24 hours 500 microliters

Serious eye damage / irritation:	If splashed in eyes may cause irritation and redness.
Respiratory or skin sensitisation:	May cause skin sensitisation.
Repeated dose toxicity:	No data available.
Carcinogenicity:	No data available.
Mutagenicity:	No data available.
Toxicity for reproduction:	No data available.

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Specific target organ toxicity (STOT): No data available.
Further information: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity No data available.
12.2 Persistence and degradability No data available.
12.3 Bioaccumulative potential

Chemical Name	LogP _{ow}	BCF	Potential
Oxirane, mono [(C12-14- alkoxy)methyl] derivs.	-	160 to 263	Low

12.4 Mobility in soil No data available.
12.5 Results of PBT and vPvB assessment This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with local/national regulations. Do not allow to enter drains or watercourses. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Do not dispose of together with household waste. Contact licensed waste disposal company. Treat as hazardous waste. Empty containers should be taken to an approved waste handling site for recycling or disposal.

European Waste Catalogue (EWC):

08 01 11* - Waste paint and varnish containing organic solvents or other hazardous substances.

15 01 10* - Packaging containing residues of or contaminated by hazardous substances.

14. TRANSPORT INFORMATION

14.1 UN number ADR/RID/AND; IMDG; ICAO 3082.

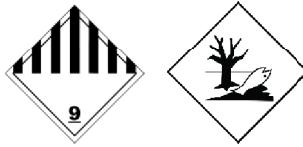
14.2 UN Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s
(Phenol-Formaldehyde Polymer, Epoxy Polymer)

14.3 Transport hazard class(es)

ADR/RID/ADN Class	9
ADR/RID/ADN Class	Class 9
ADR Label No.	9
IMDG Class	9
ICAO Class/Division	9
ICAO Subsidiary Risk	9

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Transport labels

14.4 Packing group	ADR/RID/AND; IMDG; ICAO	III
14.5 Environmental hazards	Marine Pollutant	Yes
14.6 Special precautions for user	EMS	F-A, S-F
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	Not applicable.	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

Other EU regulations

VOC Content (2010/75/EU): 0 w/w, 0 g/l

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

Chemical safety assessments / reports are not required for mixtures.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals) as amended and Regulation EU 453/2010.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

Physical hazards: On basis of test data / Expert judgement
Health hazards: Calculation method
Environmental hazards: Calculation method

Tariff number: 39073000

Full text of H-statements referred to under sections 2 and 3

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- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H411 Toxic to aquatic life with long lasting effects

Abbreviations and acronyms

- CAS Chemical Abstract Service (division of the American Chemical Society) – Section 3.
- STOT Single Target Organ Toxicity – Section 11.
- TWA Time Weighted Average - Section 8.
- STEL Short Term Exposure Limit - Section 8.
- DNEL Derived No Effect Level - Section 8.
- PNEC Predicted No Effect Concentration - Section 8.
- PBT Persistent, Bioaccumulative, Toxic – Section 12.
- VPvB very Persistent and very Bioaccumulative – Section 12.
- EC50 Effective Concentration, 50 percent – Section 12.
- LC50 Lethal Concentration, 50 percent (Section 11/12).
- LD50 Lethal Dose, 50 percent (Section 11).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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