

**Safety Data Sheet**

EPA489

INTERZONE 1000 PART B

Version Number 5 Revision Date 02/17/12

**1. Product and company identification**

<b>Product Name</b>	INTERZONE 1000 PART B
<b>Product Code</b>	EPA489
<b>Intended use</b>	Refer Technical Data Sheet. For professional use only.
<b>Application Method</b>	Refer Technical Data Sheet.
<b>Company Name</b>	Akzo Nobel Coatings Ltd. 34 Moo 4, Petchkasem Rd, Km.28.5, Omyai. Sampran, 73160, Nakornpathom, Thailand
<b>Telephone No.</b>	02 4290031
<b>Fax No.</b>	02 4290463
<b>24 hour Emergency Telephone No.</b>	02 4290031
<b>For Poisons Advice telephone</b>	For Advice to Doctors & Hospitals only

**2. Hazard identification of the product****Danger**

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**GHS Classification;**

Item	Category	Hazard
Flammability	Not classified	Not applicable
Acute Toxicity (mouth)	Not classified	Not applicable
Acute Toxicity (skin)	Not classified	Not applicable
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable
Skin corrosion/irritation	1A	Causes severe skin burns and eye damage
Eye damage/irritation	Not classified	Not applicable
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	1	May cause allergic reaction.
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	No target organs for this category
	2	No target organs for this category
	3	No target organs for this category
Specific target organ systemic Toxicity (repeated exposure)	Not classified	Not applicable
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	Not classified	Not applicable
Harmfulness to aquatic Environment (long term effect)	Not classified	Not applicable
Carcinogenicity	Not classified	Not applicable
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

**S. Phrases;**

S24 - Avoid contact with skin.

S37 - Wear suitable gloves.

Further information is given in section 11.



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**3. Composition/information on ingredients****Mixture :** Mixture

This product contains the following hazardous substances.

Ingredient	CAS Number	Concentration Range%
Tetraethylenepentamine	0000112-57-2	10-25
2,4,6-Tris(dimethylaminomethyl)phenol	0000090-72-2	10-25

**4. First aid measures****General**

This material is corrosive and can cause moderate to severe burns, particularly to the eyes. Do not delay in treatment or in seeking medical advice.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eye Contact**

Material is corrosive. Severe damage to eyes will result unless urgent attention is given. Irrigate copiously with clean fresh water for at least 15 minutes, holding the eyelids apart. Immediately seek medical attention.

**Skin Contact**

Remove contaminated clothing immediately. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents and thinners. Do NOT reuse clothing without thorough cleaning, preferably dispose of the contaminated clothing.

**Ingestion**

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.



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**5. Fire-fighting measures**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Do not use - water jet.

Note; Fire will produce dense black smoke. Decomposition products may be hazardous to health. Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

**6. Accidental release measures**

Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapour levels are below the Lower Explosive Limit before re-entering.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to relevant State and/or Federal regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the relevant Environment Protection Agency.

Empty containers may contain product residues, including flammable or explosive vapours. Do not cut, puncture or weld on or near containers. All label warnings must be observed until the containers have been cleaned or reconditioned.



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**7. Handling and storage****Handling****In Storage**

Handle containers carefully to prevent damage and spillage.

**In Use**

Avoid skin and eye contact. Avoid inhalation of vapours and spray mists. Observe label precautions. Use personal protection as shown in section 8.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

Never use pressure to empty a container; containers are not pressure vessels.

**Storage**

Store in a well ventilated, dry place away from sources of heat and direct sunlight.

Store on concrete or other impervious floor, preferably with bunding to contain any spillage. Do not stack more than 3 pallets high.

Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in the original container or one of the same material.

Prevent unauthorised access.



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**8. Exposure controls and personal protection****Engineering Measures**

This material is the part B of a two component mixture. Ensure that the appropriate controls are in place for handling this material. Refer to both this MSDS and the MSDS of the part A material.

**Exposure Limits**

Exposure standards are those provided by the ACGIH (American Conference of Government Industrial Hygienists).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)	
	ppm	mg/M3	ppm	mg/M3

Key to notification

- (P) Peak exposure limit
- (R) Suppliers Recommended Limit
- (Sk) There is a risk of absorption through unbroken skin
- (Sen) Sensitiser
- (Cat1) Category 1 - established human carcinogen
- (Cat2) Category 2 - probable human carcinogen
- (Cat3) Category 3 - substances suspected of having carcinogenic potential

**Personal Protection****Respiratory Protection**

When concentrations exceed the exposure limits shown above, workers must wear appropriate approved respirators. Provision of other controls such as exhaust ventilation should be considered if practical.

**Eye Protection**

Wear a full face shield if mixing or pouring this material

**Hand Protection**

Wear gloves. Gloves must be resistant to corrosive materials. Nitrile or PVC gloves are suitable. Do not use cotton or leather gloves.

**Skin Protection**

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.



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**9. Physical and chemical properties**

Physical State	Liquid
Colour	Light Coloured
Flash Point (C)	101
Autoignition temperature ( )	---
Viscosity (cSt)	N/A
Specific Gravity	0.954
Solvent Weight %	Not Applicable
Vapour Density	Heavier than air.
pH	Not Applicable
Lower Explosive Limit (%v/v air)	Not Applicable
Solubility in Water	Immiscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	Not Applicable
Odour	Smell of Amine

**10. Stability and reactivity**

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.



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**11. Toxicological information**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LD50, mg/L/4hr
2,4,6-Tris(dimethylaminomethyl)phenol - (0000090-72-2)	-----	-----	-----
Tetraethylenepentamine - (0000112-57-2)	-----	-----	-----

There are no data available on the product itself.

Amine based materials may cause skin irritation and sensitisation.



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**12. Ecological information**

There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

**13. Disposal considerations**

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with State and Federal regulations.

Using information provided in this data sheet advice should be obtained from the local Waste Regulation Authority as to whether special waste regulations apply.

**14. Transport information**

Transport only in accordance with the following regulations:

Road and Rail UN3066,paint,II,HACCHEM 2X  
Transport

IMDG reference :	Class/Div	8	Subsidiary Class
	Proper Shipping Name	UN3066, Paint, 8, III	
	UN No	3066	
	Ems	F-A,S-B	
	Packaging Group	III	
	Marine Pollutant	No	

ICAO/IATA	Shipping Name	UN3066, Paint, 8, III
	Class	8
	UN No	3066
	Packaging Group	III



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**15. Regulatory information**

The product complies with these local regulations.

**16. Other information**

The information on this SDS is based upon the present state of our knowledge and on current law.  
The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Safety Data Sheet is required according to legislation.



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