

Safety Data Sheet

EPA489

INTERZONE 1000 PART B

Version Number 6 Revision Date 05/08/13

1. Product and company identification

Product Name	INTERZONE 1000 PART B
Product Code	EPA489
Intended use	Refer Technical Data Sheet. For professional use only.
Application Method	Refer Technical Data Sheet.
Company Name	International Paint Pte Ltd. E-Town Bldg, 364 Cong Hoa, Ward 13 Dist. Tan Binh, Ho Chi Minh City SR Viet Nam

Telephone No.	+ 84 83812 0499
Fax No.	+84 83812 0498
24 hour Emergency Telephone No.	+ 84 83812 0499/+ 84 613931355
For Poisons Advice telephone	For Advice to Doctors & Hospitals only

2. Hazard identification of the product



Warning



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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	May cause damage to the kidneys, liver and central nervous system.
	3	No target organs for this category
Specific target organ systemic Toxicity (repeated exposure)	2	May cause damage to skin through prolonged or repeated exposure.
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;

S36/37 - Wear suitable protective clothing and 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	2.5-10
Xylene	0001330-20-7	2.5-10

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, CO2, 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 Hygenists).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)	
	ppm	mg/M3	ppm	mg/M3
Xylene	150	651	100	434

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	Coloured
Flash Point (C)	101
Autoignition temperature ()	500
Viscosity (cSt)	N/A
Specific Gravity	0.948
Solvent Weight %	5.10
Vapour Density	Heavier than air.
pH	Not Applicable
Lower Explosive Limit (%v/v air)	1.1
Solubility in Water	Immiscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	9
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)	-----	-----	-----
Xylene - (0001330-20-7)	4,300.00, rat - Category: 5	1,700.00, rat - Category: 4	29.08, rat - Category: NA

There are no data available on the product itself.

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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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