

Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

1. Product and company identification

Product Name	INTERZONE 954 PART B
Product Code	EAA964
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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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

GHS Classification;

Item	Category	Hazard
Flammability	3	Flammable liquid and vapour
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)	Not classified	Not applicable
	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)	3	Harmful to aquatic life.
Harmfulness to aquatic Environment (long term effect)	4	May cause harm to aquatic life with long lasting effects
Carcinogenicity	Not classified	Not applicable
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

S. Phrases;

S9 - Keep container in a well-ventilated place.

S16 - Keep away from sources of ignition - No Smoking.

S29 - Do not empty into drains.

S24 - Avoid contact with skin.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 - Wear suitable gloves.

Further information is given in section 11.



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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

3. Composition/information on ingredients

Mixture : Mixture

This product contains the following hazardous substances.

Ingredient	CAS Number	Concentration Range%
Benzyl alcohol	0000100-51-6	10-25
Isophorone diamine	0002855-13-2	10-25
M-xylylenediamine	0001477-55-0	10-25
N-tallow-1,3-diaminopropane dioleate	0061791-53-5	2.5-10
2,4,6-Tris(dimethylaminomethyl)phenol	0000090-72-2	2.5-10
Methyl isobutyl ketone	0000108-10-1	2.5-10
Amorphous silica, hydrophobic	0067762-90-7	1-2.5

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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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

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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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

7. Handling and storage

Handling

This coating contains solvents. Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Areas of storage, preparation and application should be ventilated to prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

In Storage

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

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.

All sources of ignition (hot surfaces, sparks, open flames etc) should be excluded from areas of preparation and application. All electrical equipment (including torches) should be protected (Ex) to the appropriate standard.

The product may charge electrostatically. Always use earthing leads when pouring solvents and transferring product. Operators should wear clothing which does not generate static (at least 60% natural fibre) and antistatic footwear; floors should be of conducting type.

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.

This product is a flammable liquid. Refer to local storage and handling regulations pertaining to this type of material.



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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

8. Exposure controls and personal protection

Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

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
Methyl isobutyl ketone	75	307	50	205

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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Safety Data Sheet

EAA964

INTERZONE 954 PART B

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9. Physical and chemical properties

Physical State	Liquid
Colour	Coloured
Flash Point (C)	44
Autoignition temperature ()	460
Viscosity (cSt)	N/A
Specific Gravity	1.024
Solvent Weight %	3.93
Vapour Density	Heavier than air.
pH	Not Applicable
Lower Explosive Limit (%v/v air)	1.0
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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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

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)	-----	-----	-----
Amorphous silica, hydrophobic - (0067762-90-7)	-----	-----	-----
Benzyl alcohol - (0000100-51-6)	-----	-----	-----
Isophorone diamine - (0002855-13-2)	-----	-----	-----
M-xylylenediamine - (0001477-55-0)	-----	-----	-----
Methyl isobutyl ketone - (0000108-10-1)	2,080.00, Rat - Category: 5	3,000.00, rabbit - Category: 5	12.30, Rat - Category: 4
N-tallow-1,3-diaminopropane dioleate - (0061791-53-5)	-----	-----	-----

There are no data available on the product itself.

Amine based materials may cause skin irritation and sensitisation.



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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

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 UN1263, Paint, CLASS 3, PG III, HAZCHEM *3Y
Transport

IMDG reference :	Class/Div	3	Subsidiary Class
	Proper Shipping Name	Paint	
	UN No	1263	
	Ems	F-E,S-E	
	Packaging Group	III	
	Marine Pollutant	Yes	

ICAO/IATA	Shipping Name	Paint
	Class	3
	UN No	1263
	Packaging Group	III



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Safety Data Sheet

EAA964

INTERZONE 954 PART B

Version Number 4 Revision Date 05/29/13

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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