Safety Data Sheet

EAC152 INTERZONE 954 YELLOW PART A

Version Number 1 **Revision Date** 07/05/13

1. Product and company identification

1.1. Product identifier INTERZONE 954 YELLOW PART A

Product Code EAC152

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Refer Technical Data Sheet.
For professional use only.

Application Method Refer Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Manufacturer International Paint Singapore Pte Ltd
3 Neythal Road
Jurong Town
Singapore 628570

Telephone No. +65 6261 5033
Fax No. +65 6264 4612
1.4. Emergency telephone number +65 6261 5033
For Poisons Advice telephone For Advice to Doctors & Hospitals only

2. Hazard identification of the product

2.1. Classification of the substance or mixture

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.

Prevention
Response
Storage
Disposal
2.3. Other hazards

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Workplace Safety and Health Act.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Epoxy resin **CAS Number: Not Available**	**10-25**	**Eye Irrit. 2;H319** **Skin Irrit. 2;H315** **Skin Sens. 1;H317**	**[1]**

		Aquatic Chronic 2;H411	
C.I. Pigment Yellow 34 CAS Number: 0001344-37-2	10-25	Carc. 1B;H350 Repr. 1A;H360Df STOT RE 2;H373 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]
Xylene CAS Number: 0001330-20-7	2.5-10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]
Petroleum derived aromatic hydrocarbon resin CAS Number: 0068410-16-2	2.5-10		[1]
Ethylbenzene CAS Number: 0000100-41-4	1-2.5	Flam. Liq. 2;H225 Acute Tox. 4;H332	[1][2]
Methyl isobutyl ketone CAS Number: 0000108-10-1	1-2.5	Flam. Liq. 2;H225 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
3-Glycidyloxypropyl-trimethoxysilane CAS Number: 0002530-83-8	1-2.5	Eye Dam. 1;H318	[1]

[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

4.1. Description of first aid measures

General

Inhalation

Skin Contact

Eye Contact

Ingestion

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

5. Fire-fighting measures

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

7. Handling and storage

7.1. Precautions for safe handling

Handling

In Storage

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

8. Exposure controls and personal protection

8.1. Control parameters

From the listed Exposure Standards for Atmospheric Contaminants given in the Workplace Safety and Health(General Provisions) Regulations.

Material	PEL (Short Term)		PEL (Long Term)		Comments
	ppm	mg/m³	ppm	mg/M3	
Ethylbenzene	125	543	100	434	
Methyl isobutyl ketone	75	307	50	205	
Magnesium silicate talc	-	-	-	2	
Xylene	150	651	100	434	

(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

DNEL/PNEC values

8.2. Exposure controls

Eye Protection

Skin Protection

Other

Respiratory Protection

Thermal hazards

9. Physical and chemical properties

Colour
Odour
Odour threshold
pH

Melting point / freezing point (°C)
Initial boiling point and boiling range (°C)
Flash Point (C)
Evaporation rate (Ether = 1)
Flammability (solid, gas)
Upper/lower flammability or explosive limits Lower Explosive Limit: 1.1 (Xylene)
Upper Explosive Limit: 6.6 (Xylene)
Vapour pressure (Pa)
Vapour Density
Specific Gravity 0.00
Solubility in Water
Partition coefficient n-octanol/water (Log Kow)
Autoignition Temperature (C)
Decomposition temperature
Viscosity (cSt)

9.2. Other information
No further information

10. Stability and reactivity

10.1. Reactivity
10.2. Chemical stability
10.3. Possibility of hazardous reactions
10.4. Conditions to avoid
10.5. Incompatible materials
10.6. Hazardous decomposition products

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	8,030.00, Rat	4,248.00, Rabbit	Not Available	5.30, Rat
C.I. Pigment Yellow 34 - (1344-37-2)	5,000.00, Rat	Not Available	Not Available	Not Available
Epoxy resin - (Not Available)	2,000.00, Rat	2,000.00, Rabbit	Not Available	Not Available
Ethylbenzene - (100-41-4)	3,500.00, Rat	15,433.00, Rabbit	17.20, Rat	Not Available
Methyl isobutyl ketone - (108-10-1)	2,080.00, Rat	16,000.00, Rabbit	Not Available	Not Available
Petroleum derived aromatic hydrocarbon resin - (68410-16-2)	Not Available	Not Available	Not Available	Not Available
Xylene - (1330-20-7)	4,299.00, Rat	1,548.00, Rabbit	Not Available	20.00, Rat

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	Not Classified	Not Applicable

Eye damage/irritation	Not Classified	Not Applicable
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Specific target organ systemic toxicity (single exposure)	Not Classified	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Epoxy resin - (Not Available)	3.10, Pimephales promelas	1.40, Daphnia magna	Not Available
C.I. Pigment Yellow 34 - (1344-37-2)	10,000.00, Leuciscus idus	Not Available	Not Available
Xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Petroleum derived aromatic hydrocarbon resin - (68410-16-2)	Not Available	Not Available	Not Available
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Methyl isobutyl ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
3-Glycidyloxypropyl-trimethoxysilane - (2530-83-8)	55.00, Cyprinus carpio	473.00, Daphnia magna	255.00 (72 hr), Scenedesmus subspicatus

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

14. Transport information

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Road and Rail Transport

IMDG reference :	**Class/Div**	**Sub Class**
	Ems	
ICAO/IATA	**Class**	**Sub Class**

14.4. Packing group

14.5. Environmental hazards

Road and Rail Transport	Environmentally Hazardous:
IMDG reference :	Marine Pollutant:

14.6. Special precautions for user

No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

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 laws.
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 full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness and dizziness.

H350 May cause cancer.

H360Df May damage the unborn child. Suspected of damaging fertility.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

This is the first revision of this SDS format, changes from previous revision not applicable.

End of document

AkzoNobel

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel however makes no warranty as to the accuracy of and/or sufficiency of such information.