

Safety Data Sheet**QGB117 INTERTHANE 870 RAL1021 YELLOW PART A****Version Number 2 Revision Date 06/11/18****1. Product and company identification****1.1. Product identifier** INTERTHANE 870 RAL1021 YELLOW PART A

Product Code QGB117

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**Importer or****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 (24 hour)** +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.

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Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
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]
Solvent naphtha (petroleum), light aromatic CAS Number: 0064742-95-6	10- <25	Flam. Liq. 3;H226 Asp. Tox. 1;H304 STOT SE 3;H335 STOT SE 3;H336 Aquatic Chronic 2;H411	[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 Asp. Tox. 1;H304 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
Castor oil CAS Number: 0008001-79-4	2.5- <10		[1]
Ethylbenzene CAS Number: 0000100-41-4	2.5- <10	Flam. Liq. 2;H225 Acute Tox. 4;H332 STOT RE 2;H373 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
2-Methoxy-1-Methylethyl Acetate CAS Number: 0000108-65-6	1- <2.5	Flam. Liq. 3;H226	[1]
Titanium dioxide CAS Number: 0013463-67-7	1- <2.5		[1][2]

[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 Hazard (H) 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 do not 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 and notes for physician

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/m ³	ppm	mg/M3	
Calcium carbonate	-	-	-	10	
Ethylbenzene	125	543	100	434	
Titanium dioxide	-	-	-	10	
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:
Upper Explosive Limit:

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,	Inhalation Dust/Mist LD50,
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			mg/L/4hr	mg/L/4hr
2-Methoxy-1-Methylethyl Acetate - (108-65-6)	8,532.00, Rat	5,000.00, Rabbit	Not Available	Not Available
C.I. Pigment Yellow 34 - (1344-37-2)	5,000.00, Rat	Not Available	Not Available	Not Available
Castor oil - (8001-79-4)	Not Available	Not Available	Not Available	Not Available
Ethylbenzene - (100-41-4)	3,500.00, Rat	15,433.00, Rabbit	17.20, Rat	Not Available
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00, Rat	3,400.00, Rabbit	Not Available	Not Available
Titanium dioxide - (13463-67-7)	10,000.00, Rat	10,000.00, Rabbit	Not Available	6.82, Rat
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
C.I. Pigment Yellow 34 - (1344-37-2)	10,000.00, Leuciscus idus	Not Available	Not Available
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Xylene - (1330-20-7)	Not Available	Not Available	Not Available
Castor oil - (8001-79-4)	Not Available	Not Available	Not Available
Ethylbenzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
2-Methoxy-1-Methylethyl Acetate - (108-65-6)	100.00, Salmo gairdneri	500.00, Daphnia magna	Not Available
Titanium dioxide - (13463-67-7)	Not Available	Not Available	Not Available

- 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
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Ems

ICAO/IATA	Class	Sub Class
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- 14.4. Packing group

- 14.5. Environmental hazards

Road and Rail Transport Environmentally Hazardous:

IMDG reference :	Marine Pollutant:
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- 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

This product and all its components complies with the chemical and transport regulations from the country listed in section 1.3.
Other regulatory information specific to the hazardous chemical(s):

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:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

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 SDS is valid for 5 years from the revised date on page 1.
The revision date is in American format (e.g. MM/DD/YY).**

End of document



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.