

**Safety Data Sheet**
**HGA329B INTERZONE 2000 BLACK PART A**
**Version No. 1 Revision Date 11/09/13**
**1. Product and company identification**
**1.1. Product identifier** INTERZONE 2000 BLACK PART A

Product Code HGA329B

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

Intended use Refer Technical Data Sheet.

Application Method Refer Technical Data Sheet.

**1.3. Details of the supplier of the safety data sheet**

**Manufacturer** International Paint Sdn Bhd  
 Lot 1 & 2, Jalan Gangsa  
 Pasir Gudang  
 81700  
 Malaysia

**Telephone No.** (07) 254 1128

**Fax No.** (07) 251 4775

**1.4. Emergency telephone number** (07) 254 1126

**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 &amp; 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 hazardous substances.

| Ingredient/Chemical Designations    | Weight % | GHS Classification  | Notes  |
|-------------------------------------|----------|---|--------|
| Styrene<br>CAS Number: 0000100-42-5 | 25-50    | Flam. Liq. 3;H226<br>Acute Tox. 4;H332<br>Eye Irrit. 2;H319<br>Skin Irrit. 2;H315 | [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**

## **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**

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) |       | Comments |
|--------------|--------------------------|-------------------|---------------------------------------|-------|----------|
|              | ppm                      | mg/m <sup>3</sup> | ppm                                   | mg/M3 |          |
| Carbon black | -                        | -                 | -                                     | 3.5   |          |
| Styrene      | 100                      | 426               | 50                                    | 213   |          |

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

## 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 ( Styrene )

Upper Explosive Limit: 6.1 ( Styrene )

Vapour pressure (Pa)

Vapour Density

Specific Gravity

0.00

Solubility in Water

Partition coefficient n-octanol/water (Log Kow)

Autoignition temperature ( )

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 |
|----------------------|------------------|------------------|----------------------------------|-------------------------------------|
| Styrene - (100-42-5) | 2,650.00, Rat    | Not Available    | 12.00, Rat                       | Not Available                       |

| 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 |
|----------------------|---------------------------|----------------------------|-------------------|
| Styrene - (100-42-5) | 4.08, Pimephales promelas | 4.70, Daphnia magna        | 0.00 (96 hr),     |

- 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                      Class/Div                      Sub Class  
reference :

Ems

ICAO/IATA              Class                                      Sub Class

- 14.4. Packing group

- 14.5. Environmental hazards

Road and Rail Environmentally Hazardous:  
Transport

IMDG                      Marine Pollutant:  
reference :

- 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 and all its components complies with these local regulations:  
NICNAS - Australia  
EPA - New Zealand

### 16. Other information

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.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

**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.

*Semua maklumat berkenaan produk ini dan/atau cadangan untuk pengendalian dan penggunaan yang terkandung di sini adalah benar dan boleh dipercayai. Walau bagaimanapun, Akzo Nobel tidak memberi jaminan akan maklumat yang tepat dan/atau mencukupi.*