

## 1 Identification of the substance/mixture and of the company/undertaking

· **Product identifier**

· **Trade name:** **B702 Boysen Permacoat Latex Off White**

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

· **Application of the substance / the preparation**

Boysen Permacoat Flat Latex is a durable 100% acrylic, non-toxic, lead-free water based paint for new or previously painted masonry and fiberboard surfaces. It has excellent hiding and dries to a flat finish that hides surface imperfections.

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Pacific Paint (Boysen) Philippines, Inc.  
292 D.Tuazon St., Quezon City  
1115 Philippines

· **Further information obtainable from:** Product safety department

· **Emergency telephone number:**

Telephone Nos. : +63 2 364 3505

: +63 2 365 0561

Facsimile Nos. : +63 2 367 8878

: +63 2 364 0472

Email Address : inquiry@boysen.com.ph

Website Address : www.boysen.com.ph

## 2 Hazards identification

· **Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Sensitising

R43: May cause sensitisation by skin contact.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Label elements**

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 27.04.2012

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**· Code letter and hazard designation of product:**


Xi Irritant

**· Hazard-determining components of labelling:**

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

**· Risk phrases:**

43 May cause sensitisation by skin contact.

**· Safety phrases:**

2 Keep out of the reach of children.

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

24/25 Avoid contact with skin and eyes.

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

37 Wear suitable gloves.

46 If swallowed, seek medical advice immediately and show this container or label.

**· Other hazards**
**· Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

**· Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

**· Dangerous components:**

|                                    |  |         |
|------------------------------------|--|---------|
| CAS: 1332-58-7                     | Kaolin<br>substance with a Community workplace exposure limit  | 2.5-10% |
| CAS: 112-59-4<br>EINECS: 203-988-3 | 2-(2-hexyloxyethoxy)ethanol<br>Xn R21; Xi R41<br>Eye Dam. 1, H318; Acute Tox. 4, H312  | ≤ 2.5%  |
| CAS: 55965-84-9                    | mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)<br>T R23/24/25; C R34; Xi R43; N R50/53<br>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317 | ≤ 2.5%  |

**· Additional information:**

For the wording of the listed risk phrases refer to section 16.

|                                     |   |        |
|-------------------------------------|---|--------|
| CAS: 7732-18-5<br>EINECS: 231-791-2 | water, distilled, conductivity or of similar purity | 25-50% |
|-------------------------------------|---|--------|

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|                                      |                             |        |
|--------------------------------------|-----------------------------|--------|
| CAS: 14807-96-6<br>EINECS: 238-877-9 | Talc ( $Mg_3H_2(SiO_3)_4$ ) | 10-25% |
| CAS: 13463-67-7<br>EINECS: 236-675-5 | titanium dioxide            | 10-25% |

### 4 First aid measures

- **Description of first aid measures**
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

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- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

### · **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

| 1332-58-7 Kaolin |  |
|------------------|--|
| PEL (USA)        | 15* 5** mg/m <sup>3</sup><br>*total dust **respirable fraction |
| REL (USA)        | 10* 5** mg/m <sup>3</sup><br>*total dust **respirable fraction |
| TLV (USA)        | 2* mg/m <sup>3</sup><br>E; as respirable fraction              |

- **Additional information:** The lists valid during the making were used as basis.

### · **Exposure controls**

#### · **Personal protective equipment:**

#### · **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

#### · **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### · **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:** Goggles recommended during refilling

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** Liquid

**Colour:** White

· **Odour:** Characteristic

· **pH-value at 29°C:** 8.0 - 9.5 (Direct Reading)

· **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 100°C

· **Flash point:** Not Applicable

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

**Lower:** Not determined

**Upper:** Not determined

· **Vapour pressure at 20°C:** 23 hPa

· **Density at 29°C:** 11.38 - 11.78 lbs/gal (ASTM D1475)

· **Solubility in / Miscibility with water:** Fully miscible.

· **Viscosity:**

**Dynamic at 29°C:** 88 -96 KU (ASTM D562)

· **Solvent content:**

**Organic solvents:** 0.0 %

**Water:** 46.2 %

**VOC (EC)** 5.9 g/L

**Solids content:** 51 - 53 % (ASTM D2369-95)

· **Other information** No further relevant information available.

### 10 Stability and reactivity

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

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### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Cause mild irritation
- **on the eye:** Causes eye irritation
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Irritant

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- |                                     |      |
|-------------------------------------|------|
| · <b>UN-Number</b>                  |      |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>UN proper shipping name</b>    |      |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Transport hazard class(es)</b> |      |
| · <b>ADR, ADN, IMDG, IATA</b>       |      |
| · <b>Class</b>                      | Void |

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|   |                 |
|---|-----------------|
| · <b>Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>Environmental hazards:</b>   |                 |
| · <b>Marine pollutant:</b>  | No              |
| · <b>Special precautions for user</b>   | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>   | -               |

### 15 Regulatory information

 · **Safety, health and environmental regulations/legislation specific for the substance or mixture**

 · **Philippines Inventory of Chemicals and Chemical Substances**

|            |   |
|------------|---|
| 14807-96-6 | Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )   |
| 13463-67-7 | titanium dioxide  |
| 1332-58-7  | Kaolin  |
| 112-59-4   | 2-(2-hexyloxyethoxy)ethanol   |
| 7631-86-9  | silicon dioxide, chemically prepared  |
| 21645-51-2 | aluminium hydroxide   |
| 25265-77-4 | 2,2,4-trimethyl-1,3 pentanediol-monoisobutyrate<br>Texanol  |
| 9004-58-4  | Ethylhydroxyethyl cellulose<br>Cellulose Ether<br>ethyl-2-hydroxyethylether<br>ethyl-2-hydroxyethyl cellulose<br>celluloseethylhydroxyethyl<br>Ethylhydroxyethyl cellulose<br>Cellulose ethyl hydroxyethyl ether<br>Etulose |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic   |
| 111-46-6   | 2,2'-oxybisethanol  |
| 330-54-1   | diuron(ISO)   |
| 1336-21-6  | ammonia   |
| 10605-21-7 | carbendazim (ISO)   |
| 26530-20-1 | 2-octyl-2H-isothiazol-3-one   |
| 9036-19-5  | Polyethylene glycol octylphenyl ether   |

 · **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

 · **Relevant phrases**

H301 Toxic if swallowed.

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*H311 Toxic in contact with skin.*  
*H312 Harmful in contact with skin.*  
*H314 Causes severe skin burns and eye damage.*  
*H317 May cause an allergic skin reaction.*  
*H318 Causes serious eye damage.*  
*H331 Toxic if inhaled.*  
*H400 Very toxic to aquatic life.*  
*H410 Very toxic to aquatic life with long lasting effects.*  
*R21 Harmful in contact with skin.*  
*R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.*  
*R34 Causes burns.*  
*R41 Risk of serious damage to eyes.*  
*R43 May cause sensitisation by skin contact.*  
*R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

· **Department issuing MSDS:**

Safety, Health and Environment Department  
Gretchen A. Fontejon - g\_fontejon@boysen.com.ph

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*  
*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*  
*IMDG: International Maritime Code for Dangerous Goods*  
*IATA: International Air Transport Association*  
*ICAO: International Civil Aviation Organization*  
*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*  
*VOC: Volatile Organic Compounds (USA, EU)*

· **\* Data compared to the previous version altered.**

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