# Safety Data Sheet
**according to 1907/2006/EC, Article 31**

*Printing date 29.10.2010* *Revision: 15.04.2010*

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

· **Product details**

· **Trade name:** **V900C05 VIRTUOSO SILK TOUCH FRAGRANT WHITE**

· **Application of the substance / the preparation**
*Virtuoso Silk Touch is a breakthrough product that incorporates Teflon surface protector technology to create a paint formula that uniquely combines the visual elegance of flat paints with the easy clean capabilities of gloss paints.*

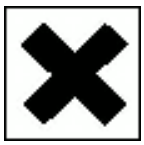
*Virtuoso Silk Touch is a 100% acrylic water-based paint that is low odor, low VOC, lead free and has outstanding color retention. It dries to a luxurious silk finish that not only imparts a sense of warmth and depth to your living space but is also distinctively smooth to touch. With Teflon surface protector, oil and dirt cannot easily stick to your walls, making it easy to wipe off common everyday stains.*

· **Manufacturer/Supplier:**
*Pacific Paint (Boysen) Philippines, Inc.*
*292 D. Tuazon St., Quezon City*
*1115 Philippines*

· **Further information obtainable from:** *Product safety department*
· **Information in case of emergency:**
*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

· **Hazard description:**



*Xi Irritant*

· **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.*
*R 38 Irritating to skin.*
*R 43 May cause sensitisation by skin contact.*
· **Classification system:**
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*
· **GHS label elements**



**Warning**

*3.2/2 - Causes skin irritation.*
*3.4/1 - May cause an allergic skin reaction.*
· **Prevention:**
*Avoid breathing dust/fume/gas/mist/vapours/spray.*
*Wash thoroughly after handling.*
*Contaminated work clothing should not be allowed out of the workplace.*
*Wear protective gloves/protective clothing/eye protection/face protection.*
· **Response:**
*IF ON SKIN: Wash with plenty of soap and water.*
*Specific treatment (see on this label).*
*If skin irritation occurs: Get medical advice/attention.*

*(Contd. on page 2)*

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

Printing date 29.10.2010 Revision: 15.04.2010

**Trade name: V900C05 VIRTUOSO SILK TOUCH FRAGRANT WHITE**

(Contd. of page 1)

If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Wash contaminated clothing before reuse.

· **Disposal:**
Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3 Composition/information on ingredients

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

· **Dangerous components:**

| | | |
|---|---|---|
| CAS: 80-62-6<br>EINECS: 201-297-1 | methyl methacrylate<br>Xi, F; R 11-37/38-43<br>Danger: 2.6/2<br>Warning: 3.2/2, 3.4.S/1, 3.8/3 | 10-25% |
| CAS: 471-34-1<br>EINECS: 207-439-9 | calcium carbonate | 2.5-10% |
| CAS: 184246-86-4<br>ELINCS: 429-720-7 | sodium salt of the polymer of: sodium-2-methyl-buta-1,3-diene-1-sulfonate with acrylic acid and 2-hydroxyethyl-2-methylacrylate<br>R 52/53<br>4.1.C/3 | ≤ 2.5% |
| CAS: 9004-62-0<br>EINECS: 217-576-6 | Hydroxyethyl starch<br>T, Xi; R 23/24/25-36/37/38<br>Danger: 3.1.O/2, 3.1.D/2, 3.1.I/2, 3.2/2, 3.3/2A, 3.8/3 | ≤ 2.5% |
| CAS: 55965-84-9 | mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-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, C, N; R 23/24/25-34-43-50/53<br>Danger: 3.1.O/2, 3.1.D/2, 3.1.I/2, 3.4.S/1; 3.2/1B<br>Warning: 4.1.C/1 | ≤ 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% |
| CAS: 13463-67-7<br>EINECS: 236-675-5 | titanium dioxide | 10-25% |
| CAS: 14807-96-6<br>EINECS: 238-877-9 | Talc (Mg3H2(SiO3)4) | 2.5-10% |
| CAS: 25265-77-4 | 2,2,4-trimethyl-1,3 pentanediol-monoisobutyrate<br>Texanol | ≤ 2.5% |

## 4 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.

RP

(Contd. on page 3)

# Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.10.2010 Revision: 15.04.2010

**Trade name: V900C05 VIRTUOSO SILK TOUCH FRAGRANT WHITE**

(Contd. of page 2)

## 5 Fire-fighting measures

· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Protective equipment:** No special measures required.

## 6 Accidental release measures

· **Person-related safety precautions:** Not required.
· **Measures for environmental protection:**
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.
Do not allow to enter sewers/ surface or ground water.
· **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

## 7 Handling and storage

· **Handling:**
· **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about fire - and explosion protection:** No special measures required.

· **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.

## 8 Exposure controls/personal protection

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

| · **Ingredients with limit values that require monitoring at the workplace:** | |
|---|---|
| **80-62-6 methyl methacrylate** | |
| PEL (USA) | 410 mg/m³, 100 ppm |
| REL (USA) | 410 mg/m³, 100 ppm |
| TLV (USA) | Short-term value: 410 mg/m³, 100 ppm<br>Long-term value: 205 mg/m³, 50 ppm<br>SEN |
| **471-34-1 calcium carbonate** | |
| PEL (USA) | 15* 5** mg/m³<br>*total dust **respirable fraction |
| REL (USA) | 10* 5** mg/m³<br>*total dust **respirable fraction |
| TLV (USA) | TLV withdrawn |

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

· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

(Contd. on page 4)

# Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.10.2010 Revision: 15.04.2010

**Trade name: V900C05 VIRTUOSO SILK TOUCH FRAGRANT WHITE**

(Contd. of page 3)

Avoid contact with the skin.
Avoid contact with the eyes and skin.

· **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.

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

* 

## 9 Physical and chemical properties

| | |
|---|---|
| · **General Information** | |
| **Form:** | Fluid |
| **Colour:** | According to product specification |
| **Odour:** | Characteristic |
| · **Change in condition** | |
| **Melting point/Melting range:** | Undetermined. |
| **Boiling point/Boiling range:** | 100°C |
| · **Flash point:** | Not applicable. |
| · **Ignition temperature:** | 430°C |
| · **Self-igniting:** | Product is not selfigniting. |
| · **Danger of explosion:** | Product does not present an explosion hazard. |
| · **Explosion limits:** | |
| **Lower:** | 2.1 Vol % |
| **Upper:** | 12.5 Vol % |
| · **Vapour pressure at 20°C:** | 47 hPa |
| · **Density at 29°C:** | 10.24 - 10.57 lbs/gal (ASTM D1475) |
| · **Solubility in / Miscibility with water:** | Fully miscible. |
| · **pH-value at 29°C:** | 8.5 - 9.0 (Direct Reading) |
| · **Viscosity:** | |
| **Dynamic at 29°C:** | 90 - 95 KU (ASTM D562) |

(Contd. on page 5)

# Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 29.10.2010 Revision: 15.04.2010

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(Contd. of page 4)

| | |
|---|---|
| · **Solvent content:** | |
| **Organic solvents:** | 0.9 % |
| **Water:** | 49.8 % |
| **VOC (EC)** | 14.7 g/L |
| · **Solids content:** | 11.0 % |

## 10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Dangerous reactions** No dangerous reactions known.
· **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Acute toxicity:**
· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** No irritating effect.
· **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
· **Sensitisation** May cause sensitisation by skin contact.

## 12 Ecological information

· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

· **Product:**
· **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

· **Maritime transport IMDG:**
· **Marine pollutant:** No

## 15 Regulatory information

| · **Philippines Inventory of Chemicals and Chemical Substances** | |
|---|---|
| 80-62-6 | methyl methacrylate |

(Contd. on page 6)

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**Trade name: V900C05 VIRTUOSO SILK TOUCH FRAGRANT WHITE**

(Contd. of page 5)

| | |
|---|---|
| 13463-67-7 | titanium dioxide |
| 471-34-1 | calcium carbonate |
| 14807-96-6 | Talc (Mg3H2(SiO3)4) |
| 25265-77-4 | 2,2,4-trimethyl-1,3 pentanediol-monoisobutyrate<br>Texanol |
| 7631-86-9 | silicon dioxide, chemically prepared |
| 21645-51-2 | aluminium hydroxide |
| 57-55-6 | propane-1,2-diol |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic |
| 9004-62-0 | Hydroxyethyl starch |
| 124-68-5 | 2-amino-2-methylpropanol |
| 9036-19-5 | Polyethylene glycol octylphenyl ether |
| 13463-41-7 | Pyrithione zinc |
| 13845-36-8 | pentapotassium triphosphate |
| 50-00-0 | formaldehyde |

· **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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



Xi Irritant

· **Hazard-determining components of labelling:**
methyl methacrylate
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-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:**
38 Irritating to skin.
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 Avoid contact with skin.
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.

## 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.
Safety, Health and Environment Department
Gretchen A. Fontejon - g_fontejon@boysen.com.ph
Joanne C. Ysrael - joanneysrael@boysen.com.ph

· **Relevant R-phrases**
11 Highly flammable.

(Contd. on page 7)

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(Contd. of page 6)

23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
34 Causes burns.
36/37/38 Irritating to eyes, respiratory system and skin.
37/38 Irritating to respiratory system and skin.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Abbreviations and acronyms:**
IMDG: International Maritime Code for Dangerous Goods
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
VOC: Volatile Organic Compounds (USA, EU)

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

15.04.2010

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