1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier
Product name: TOUCH-UP ENAMEL OFF WHITE CB SURFMIST 50 (PRODUCT OBSOLETE)
Synonym(s): 100-8116 - PRODUCT CODE • BRUSHING ENAMEL • BRUSHING ENAMEL (LEAD FREE COLOURS) (FORMERLY) • F100-0080 - PRODUCT CODE (FORMERLY) • TOUCH-UP ENAMEL/BRUSHING ENAMEL (FORMERLY)

1.2 Uses and uses advised against
Use(s): ENAMEL COATING • PAINT

1.3 Details of the supplier of the safety data sheet
Supplier name: PPG INDUSTRIES AUSTRALIA PTY LIMITED
Address: 14 McNaughton Rd, Clayton South, VIC, Australia, 3169
Telephone: (03) 9263 6000
Fax: (03) 9263 6970
Email: enquiries@ppg.com
Website: http://www.ppgpmc.com.au

1.4 Emergency telephone number(s)
Emergency: 1800 033 111 (24hr)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA
GHS Classification(s): Flammable Liquids: Category 3
• Skin Corrosion/Irritation: Category 2
• Serious Eye Damge / Eye Irritation: Category 2A
• Specific Target Organ Systemic Toxicity (Single Exposure): Category 3
• Aquatic Toxicity (Chronic): Category 3

2.2 Label elements
Signal word: WARNING
Pictograms: 

Hazard statement(s)
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Prevention statement(s)
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
TOUCH-UP ENAMEL OFF WHITE CB SURFMIST 50 (PRODUCT OBSOLETE)

Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER or doctor/physician if you feel unwell.
Specific treatment is advised - see first aid instructions.
In case of fire: Use appropriate media for extinction.

Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Store locked up.
Dispose of contents/container in accordance with relevant regulations.

2.3 Other Hazards
No information provided.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS number</th>
<th>EC number</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAPHTHA (PETROLEUM), HYDROTREATED HEAVY</td>
<td>64742-48-9</td>
<td>265-150-3</td>
<td>10 - 30%</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>10 - 30%</td>
</tr>
<tr>
<td>1,3,5-TRIMETHYLBENZENE</td>
<td>108-67-8</td>
<td>203-604-4</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>GAS OIL, BLEND</td>
<td>64741-44-2</td>
<td>265-044-7</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>NAPHTHA (PETROLEUM) HYDRODESULPHURISED, HEAVY</td>
<td>64742-82-1</td>
<td>265-185-4</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>N-PROPYL BENZENE</td>
<td>103-65-1</td>
<td>203-132-9</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC</td>
<td>64742-88-7</td>
<td>265-191-7</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>ALKYLD RESIN(S)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>10 - 30%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1 Description of first aid measures
Eye
If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation
If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.

Skin
If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion
For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

First aid facilities
No information provided.

4.2 Most important symptoms and effects, both acute and delayed
No information provided.

4.3 Immediate medical attention and special treatment needed
Treat symptomatically.
5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

5.2 Special hazards arising from the substance or mixture
Flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, pilot lights, heaters, naked lights, mobile phones, etc when handling. Earth containers when dispensing fluids. May evolve metal oxides when heated to decomposition.

5.3 Advice for firefighters
Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

5.4 Hazchem code
- 3Y
  - Alcohol Resistant Foam is the preferred firefighting medium. Else use;
  - 3 Normal Foam (protein based foam that is not alcohol resistant).
  - Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

6.2 Environmental precautions
Prevent product from entering drains and waterways.

6.3 Methods of cleaning up
Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all sources of ignition.

6.4 Reference to other sections
See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well ventilated area, preferably flammables store, removed from direct sunlight, incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation and fire protection systems.

7.3 Specific end use(s)
No information provided.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters
Exposure standards

<table>
<thead>
<tr>
<th>Substance</th>
<th>Reference</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
</tr>
</tbody>
</table>

This report was compiled based on the SDS dated 11 Aug 2011
### Biological limits

No biological limit values have been entered for this product.

### 8.2 Exposure controls

#### Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

#### PPE

- **Eye/Face**: Wear splash-proof goggles.
- **Hand**: Wear PVA or viton (R) gloves.
- **Body**: Wear coveralls.
- **Respiratory**
  - Where an inhalation risk exists, wear a Type A (Organic vapour) respirator.
  - If spraying, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator or an Air-line respirator.
  - If sanding dry product, wear a Class P1 (Particulate) respirator. Where the boiling point is < 65°C, use an AX filter type.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Slight Odour</td>
</tr>
<tr>
<td><strong>Odour Threshold</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>Flammable</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>36°C (cc)</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>&gt; 37.78°C</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.4</td>
</tr>
<tr>
<td><strong>Solubility (water)</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapour Density</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapour Pressure</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Upper Explosion Limit</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Lower Explosion Limit</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Partition Coefficient</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Autoignition Temperature</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Explosive Properties</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Oxidising Properties</strong></td>
<td>Not available</td>
</tr>
</tbody>
</table>

#### 9.2 Other information

No information provided.
10. STABILITY AND REACTIVITY

10.1 Reactivity
Carefully review all information in sections 10.2 to 10.6.

10.2 Chemical stability
Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions
Polymerization is not expected to occur.

10.4 Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials
Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), heat and ignition sources. Incompatible with alkalis (e.g. sodium hydroxide).

10.6 Hazardous decomposition products
May evolve carbon oxides and hydrocarbons when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Health Hazard Summary</th>
<th>Toxicological Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>No information provided.</td>
<td>1,3,5-TRIMETHYL BENZENE (108-67-8)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>LC50 (Inhalation): 24 g/m³/4hrs (rat)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>LDLo (Intraperitoneal): 1303 mg/kg (guinea pig)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>TCLo (Inhalation): 10 ppm (human)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>GAS OIL BLEND (64741-44-2)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>LC50 (Inhalation): 1700 mg/m³/4 hours (rat)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>LDLo (Ingestion): &gt; 5000 mg/kg (rat)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>LDLo (Skin): &gt; 2000 mg/kg (rat)</td>
</tr>
<tr>
<td>No information provided.</td>
<td>TDLo (Skin): 29250 mg/kg/20 weeks intermittently (mouse)</td>
</tr>
<tr>
<td>NAPHTHA PETROLEUM HYDRODESULPHURISED HEAVY (64742-82-1)</td>
<td>LD50 (Ingestion): &gt; 2000 mg/kg (rat)</td>
</tr>
<tr>
<td>N-PROPYLEN BZ (103-65-1)</td>
<td>LC50 (Inhalation): 65000 ppm/2 hours (rat)</td>
</tr>
<tr>
<td>N-PROPYLEN BZ (103-65-1)</td>
<td>LC50 (Inhalation): 20 g/m³ (mouse)</td>
</tr>
<tr>
<td>N-PROPYLEN BZ (103-65-1)</td>
<td>LD50 (Ingestion): 6040 mg/kg (rat)</td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

12.1 Toxicity
Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability
No information provided.

12.3 Bioaccumulative potential
No information provided.

12.4 Mobility in soil
No information provided.

12.5 Results of PBT and vPvB assessment
No information provided.

12.6 Other adverse effects
No information provided.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Waste disposal
Wearing the protective equipment outlined, ensure all ignition sources are extinguished. For small quantities, absorb on paper, sand or similar and evaporate under a fume cupboard or open area. For large volumes, atomise into incinerator (mixing with more flammable solvent if required) or recycle by gravimetric separation, distilling & reusing. Contact the manufacturer/supplier for additional information (if required).

Legislation
Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

<table>
<thead>
<tr>
<th>Land Transport (ADG)</th>
<th>Sea Transport (IMDG/IMO)</th>
<th>Air Transport (IATA/ICAO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN number</td>
<td>1263</td>
<td>1263</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>PAINT or PAINT RELATED MATERIAL</td>
<td></td>
</tr>
<tr>
<td>14.3 Transport hazard classes</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>DG Class</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Subsidiary risk(s)</td>
<td>None Allocated</td>
<td>None Allocated</td>
</tr>
<tr>
<td>14.4 Packing group</td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>14.5 Environmental hazards</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>None Allocated</td>
<td>None Allocated</td>
<td>None Allocated</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>•3Y</td>
<td>F-E, S-E</td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>EMS</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

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

Poison schedule
A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
CHEMALERT REPORT

TOUCH-UP ENAMEL OFF WHITE CB SURFMIST 50 (PRODUCT OBSOLET)

Product name

Classifications

F - Flammable
N - Dangerous for the environment
Xi - Irritant
Xn - Harmful

Risk phrases

R10: Flammable.
R36/37/38: Irritating to eyes, respiratory system and skin.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases

S2: Keep out of reach of children.
S46: If swallowed, contact a doctor or Poisons Information Centre immediately and show container or label.

Inventory listing(s)

AUSTRALIA: AICS (Australian Inventory of Chemical Substances)
All components are listed on AICS, or are exempt.

15.2 Chemical safety assessment
No information provided.

16. OTHER INFORMATION

Additional information

WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT: If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (e.g. for organic vapours/acid gas) may also be required. A Class P1 (Particulate) respirator is recommended if dust is generated.

WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGE (TWA) or WES (WORKPLACE EXPOSURE STANDARD) (NZ): Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: Strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

HEALTH EFFECTS FROM EXPOSURE:
It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists
TOUCH-UP ENAMEL OFF WHITE CB SURFMIST 50 (PRODUCT OBSOLETE)

CAS #  Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS   Central Nervous System
EC No.  EC No - European Community Number
EMS   Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS   Globally Harmonized System
GTEPG Group Text Emergency Procedure Guide
IARC  International Agency for Research on Cancer
LC50  Lethal Concentration, 50% / Median Lethal Concentration
LD50  Lethal Dose, 50% / Median Lethal Dose
mg/m³  Milligrams per Cubic Metre
OEL   Occupational Exposure Limit
pH    relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm   Parts Per Million
STEL  Short-Term Exposure Limit
STOT-RE Specific target organ toxicity (repeated exposure)
STOT-SE Specific target organ toxicity (single exposure)
SUSMP Standard for the Uniform Scheduling of Medicines and Poisons
SWA   Safe Work Australia
TLV   Threshold Limit Value
TWA   Time Weighted Average

This ChemAlert report has been independently compiled by RMT’s scientific department utilising the original Safety Data Sheet ("SDS") for the product provided to RMT by the manufacturer. The information is based on the latest chemical and toxicological research and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. It is an independent collation by RMT of information obtained from the original SDS for this product. Its content has not been authorised or verified by the manufacturer / distributor of the chemical to which it relates.

This ChemAlert report does not constitute the manufacturer’s original SDS and is not intended to be a replacement for same. It is provided to subscribers of ChemAlert as a reference tool only, is not all-inclusive and does not represent any guarantee as to the properties of the product. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this ChemAlert report, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this ChemAlert report.

Prepared By
Risk Management Technologies
5 Ventnor Ave, West Perth
Western Australia 6005
Phone: +61 8 9322 1711
Fax: +61 8 9322 1794
Email: info@rmt.com.au
Web: www.rmt.com.au

Last Reviewed: 10 Oct 2016
Date Printed: 11 Nov 2016
Based on SDS dated: 11 Aug 2011

End of Report