

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**1.1 Product identifier**

**Product name** CA 9800/F13538 BASE COMPONENT  
**Synonym(s)** CA 9800/F13538 BASE COMPONENT - PRODUCT CODE

**1.2 Uses and uses advised against**

**Use(s)** COATING • PAINT PRODUCT

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

**Supplier name** PPG INDUSTRIES AUSTRALIA PTY. LTD. (ASC - AUSTRALIA)  
**Address** 23 Ovata Drive, Tullamarine, VIC, Australia, 3043  
**Telephone** (03) 9335 1557  
**Fax** (03) 9335 3490  
**Email** contact.aust@ppg.com  
**Website** http://www.ppg.com/coatings/aerospace/

**1.4 Emergency telephone number(s)**

**Emergency** 1800 807 001

**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

**2.2 Label elements**

**Signal word** WARNING

**Pictograms**



**Hazard statement(s)**

H226 Flammable liquid and vapour.

**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.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response statement(s)**

- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370 + P378 In case of fire: Use appropriate media for extinction.

**Storage statement(s)**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal statement(s)**

P501 Dispose of contents/container in accordance with relevant regulations.

**2.3 Other Hazards**

No information provided.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

**3.1 Substances / Mixtures**

| Ingredient | CAS number | EC number | Content |
|------------|------------|-----------|---------|
|------------|------------|-----------|---------|

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| Ingredient                | CAS number    | EC number     | Content   |
|---------------------------|---------------|---------------|-----------|
| METHYL AMYL KETONE        | 110-43-0      | 203-767-1     | 10 - 30%  |
| 2-PENTANONE               | 107-87-9      | 203-528-1     | 1 - 10%   |
| XYLENE                    | 1330-20-7     | 215-535-7     | 1 - 10%   |
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | remainder |

**4. FIRST AID MEASURES**

No information provided.

No information provided.

Treat symptomatically.

**5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

No information provided.

**5.2 Special hazards arising from the substance or mixture**

No information provided.

**5.3 Advice for firefighters**

No information provided.

**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**

No information provided.

**6.2 Environmental precautions**

No information provided.

**6.3 Methods of cleaning up**

No information provided.

**6.4 Reference to other sections**

No information provided.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

No information provided.

**7.2 Conditions for safe storage, including any incompatibilities**

No information provided.

**7.3 Specific end use(s)**

No information provided.

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**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure standards**

| Substance            | Reference | TWA |                   | STEL |                   |
|----------------------|-----------|-----|-------------------|------|-------------------|
|                      |           | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |
| Methyl n-amyl ketone | SWA (AUS) | 50  | 233               | --   | --                |
| Methyl propyl ketone | SWA (AUS) | 200 | 705               | 250  | 881               |
| Xylene               | SWA (AUS) | 80  | --                | 150  | --                |

**Biological limits**

| Ingredient | Reference | Determinant                   | Sampling time | BEI                |
|------------|-----------|-------------------------------|---------------|--------------------|
| XYLENE     | ACGIH BEI | Methylhippuric acids in urine | End of shift  | 1.5 g/g creatinine |

**8.2 Exposure controls**

**Engineering Controls** No information provided.

**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**

|                                  |               |
|----------------------------------|---------------|
| <b>Appearance</b>                | YELLOW LIQUID |
| <b>Odour</b>                     | SLIGHT ODOUR  |
| <b>Odour Threshold</b>           | NOT AVAILABLE |
| <b>pH</b>                        | NOT AVAILABLE |
| <b>Melting Point</b>             | NOT AVAILABLE |
| <b>Boiling Point</b>             | > 37.78°C     |
| <b>Flash Point</b>               | 28.89°C (cc)  |
| <b>Evaporation Rate</b>          | NOT AVAILABLE |
| <b>Flammability</b>              | FLAMMABLE     |
| <b>Upper Explosion Limit</b>     | NOT AVAILABLE |
| <b>Lower Explosion Limit</b>     | NOT AVAILABLE |
| <b>Vapour Pressure</b>           | NOT AVAILABLE |
| <b>Vapour Density</b>            | NOT AVAILABLE |
| <b>Solubility (water)</b>        | INSOLUBLE     |
| <b>Partition Coefficient</b>     | NOT AVAILABLE |
| <b>Autoignition Temperature</b>  | NOT AVAILABLE |
| <b>Decomposition Temperature</b> | NOT AVAILABLE |
| <b>Viscosity</b>                 | NOT AVAILABLE |
| <b>Explosive Properties</b>      | NOT AVAILABLE |
| <b>Oxidising Properties</b>      | NOT AVAILABLE |

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Specific Gravity 1.32

#### **9.2 Other information**

No information provided.

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## **10. STABILITY AND REACTIVITY**

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### **10.1 Reactivity**

Carefully review all information in sections 10.2 to 10.6.

### **10.2 Chemical stability**

No information provided.

### **10.3 Possibility of hazardous reactions**

No information provided.

### **10.4 Conditions to avoid**

No information provided.

### **10.5 Incompatible materials**

No information provided.

### **10.6 Hazardous decomposition products**

May evolve toxic gases if heated to decomposition.

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## **11. TOXICOLOGICAL INFORMATION**

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### **11.1 Information on toxicological effects**

Health Hazard No information provided.

#### **Summary**

No information provided.

No information provided.

No information provided.

No information provided.

METHYL AMYL KETONE (110-43-0)

LCLo (Inhalation): 4000 ppm/4 hours (rat)

LD50 (Ingestion): 730 mg/kg (mouse)

LD50 (Intraperitoneal): 400 mg/kg (mouse)

LD50 (Skin): 12.6 ml/kg (rabbit)

2-PENTANONE (107-87-9)

LCLo (Inhalation): 2000 ppm/4 hour (rat)

LD50 (Ingestion): 1600 mg/kg (rat)

LD50 (Intraperitoneal): 800 mg/kg (rat)

LD50 (Skin): 6500 mg/kg (rabbit)

TCLo (Inhalation): 1500 ppm (human)

XYLENE (1330-20-7)

LC50 (Inhalation): 4330–5984 ppm/6 hours (rat)

LCLo (Inhalation): 10000 ppm/6 hours (man)

LD50 (Ingestion): 4300 mg/kg (rat)

LD50 (Intraperitoneal): 1548 mg/kg (mouse)

LD50 (Skin): > 1700 mg/kg (rabbit)

LD50 (Subcutaneous): 1700 mg/kg (rat)

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**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No information provided.

**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**

No information provided.

**Legislation**

Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**

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



|                                          | Land Transport<br>(ADG)         | Sea Transport<br>(IMDG/IMO) | Air Transport<br>(IATA/ICAO) |
|------------------------------------------|---------------------------------|-----------------------------|------------------------------|
| <b>14.1 UN number</b>                    | 1263                            | 1263                        | 1263                         |
| <b>14.2 UN proper shipping name</b>      | PAINT or PAINT RELATED MATERIAL |                             |                              |
| <b>14.3 Transport hazard classes</b>     |                                 |                             |                              |
| <b>DG Class</b>                          | 3                               | 3                           | 3                            |
| <b>Subsidiary risk(s)</b>                | None Allocated                  | -                           | -                            |
| <b>14.4 Packing group</b>                | III                             | III                         | III                          |
| <b>14.5 Environmental hazards</b>        |                                 | Not a Marine Pollutant      |                              |
| <b>14.6 Special precautions for user</b> |                                 |                             |                              |
| <b>Hazchem Code</b>                      | •3Y                             |                             |                              |
| <b>EMS</b>                               |                                 | F-E, S-E                    |                              |

**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).

**Classifications** F - Flammable

**Risk phrases** R10: Flammable.

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**Safety phrases**

|      |                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------|
| S7:  | Keep container tightly closed.                                                                        |
| S9:  | Keep container in a well ventilated place.                                                            |
| S23: | Do not breathe gas/fumes/vapour/spray (where applicable).                                             |
| S46: | If swallowed, contact a doctor or Poisons Information Centre immediately and show container or label. |
| S51: | Use only in well ventilated areas.                                                                    |
| S53: | Avoid exposure - obtain special instructions before use.                                              |

**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                       |
| 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                                            |

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|                   |                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------|
| IARC              | International Agency for Research on Cancer                                                     |
| LC50              | Lethal Concentration, 50% / Median Lethal Concentration                                         |
| LD50              | Lethal Dose, 50% / Median Lethal Dose                                                           |
| mg/m <sup>3</sup> | 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                                                                           |

**Report Status** 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.

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**End of Report**