



# Ancillary Materials - Health & Safety Data Sheet

## Platinum Primer (G611)

### 1. Identification of Substance & Company:

|                                  |  |
|----------------------------------|--|
| Product Name(s)                  | Technovent Platinum Primer   |
| Product Code(s)                  | G611   |
| Medical Device Class             | Class I (according to Annex IX of EC Directive 93/42/EEC)              |
| Product Category /Classification | G5 (according to Annex IX of EC Directive 93/42/EEC)                   |
| Main Use                         | Bonding of Platinum cure materials to various substrates               |
| Company                          | MBI Wales Ltd<br>5 York Park<br>Bridgend,<br>South Wales, UK. CF31 3TB |
| Tel (& Emergency Tel )           | (44) (0) 1656 768566   |
| Fax                              | (44) (0) 1633 896588   |
| Document Version                 | 2  |
| Print Date                       | 01/03/2017   |

### 2. Composition / Information on ingredients:

|                      |   |
|----------------------|---|
| Chemical Product     | Silicone Primer, G611   |
| Hazardous Components | 85% Naptha, VM&P<br>5% Tetra-n-propyl silicate<br>5% Tetrabutyltitanate<br>5% Tetra (2-methoxyethoxysilane) |

### 3. Hazards Identification:

#### EFFECTS OF SINGLE OVER EXPOSURE

**SWALLOWING:** Slightly toxic. May cause nausea, abdominal discomfort, vomiting and diarrhea. Swallowing large quantities may lead to central nervous system disturbances, such as convulsions, depression or coma. Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

**SKIN ABSORPTION:** No evidence of adverse effects form available information.

**INHALATION:** Causes irritation of the respiratory tract, experienced as nasal discomfort and discharge with chest pain and coughing. Dizziness and drowsiness may occur. Eye irritation may occur. Severed overexposure by inhalation may result in permanent lung damage.

**SKIN CONTACT:** Brief contact not irritating. Prolonged contact, as from wet clothing from material, may cause moderate irritation with redness and slight burn.



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**EYE CONTACT:** Liquid and vapour may cause irritation, experienced as stinging with excess blinking and tear production. Redness and swelling of the conjunctiva may occur. High vapour concentration may cause some symptoms.

**EFFECTS OF OVEREXPOSURE** Inhalation over a prolonged period will produce symptoms of dizziness, weakness, pain in the limbs, paresthesias, nervousness and lead to anaemia and weight loss. Repeated overexposure to Tetra (2-methoxyethoxy) silane may cause injury to bone marrow, blood cells and testes.

#### MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE

Because of its irritating and defatting properties, this material may aggravate existing dermatitis.

#### 4. First Aid Measures:

|                      |   |
|----------------------|---|
| Eye Contact          | May cause temporary irritation. Seek medical attention if discomfort persists<br>Irrigate with water for 15 mins, holding eyelid open |
| Skin Contact         | Remove excess and wash with soap and water. Remove contaminated clothing  |
| Inhalation of Vapour | Remove from exposure, rest. In extreme cases, seek medical attention  |
| Ingestion            | Do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.  |

#### 5. Fire Fighting Measures:

|                             |   |
|-----------------------------|---|
| Hazards during firefighting | Highly flammable. Vapour/air mixture explosive<br>Foam, dry powder, CO2 extinguishing media |
|-----------------------------|---|

#### 6. Accidental Release Measures:

|                           |   |
|---------------------------|---|
| Personal Protection       | Refer to Section 8  |
| Environmental Precautions | None  |
| Methods for clean-up      | Collect with tissue or likewise and dispose as Section 13 |

#### 7. Handling & Storage:

|          |   |
|----------|---|
| Handling | Work under extractor when handling large quantities<br>Observe good housekeeping practises (HSE guidance note CS17)<br>Contains Tetra (2-methoxyethoxy) silane – in laboratory animal studies, birth defects and adverse effects on pregnancy have been observed. |
| Storage  | Store at room temperature (15-25 deg C) or refrigerated<br>Keep away from direct sunlight/heat  |

Technovent Limited, 5 York Park, Bridgend Industrial Estate, Bridgend, South Wales, UK.CF31 3TB

Tel: (44) (0) 1656 768566 Fax: (44) (0) 1656 650780 email: [info@technovent.com](mailto:info@technovent.com)



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### 8. Exposure Controls / Personal Protection:

|                                      |  |
|--------------------------------------|--|
| General Protective Measures          | As deemed appropriate to situation and quantity being handled          |
| Components with workplace parameters | None, according to EU Directive 88/379/EC                              |
| Respiratory Protection               | Not deemed necessary, breathing apparatus if handling large quantities |
| Hand Protection                      | Not deemed necessary, gloves recommended                               |
| Eye Protection                       | Not deemed necessary, eye glasses recommended                          |
| Skin Protection                      | Not deemed necessary   |
| Hygiene Measures                     | Do not eat, drink or smoke when handling product                       |

### 9. Physical & Chemical Properties:

|                       |                            |
|-----------------------|----------------------------|
| Flash Point           | 63F (Tag closed cup)       |
| Boiling Point         | @ 70mm Hg 210F/99C         |
| Specific Gravity      | (H <sub>2</sub> O=1) 0.76  |
| Freezing Point        | N/A                        |
| Vapour Pressure,      | 25mm Hg @77F -25C          |
| Vapour Density        | (air=1) 3.8                |
| Appearance            | Clear to Amber             |
| Odour                 | Solvent                    |
| Physical state        | Liquid                     |
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### 10. Stability & Reactivity:

|  |  |
|--|--|
| Stability                                      | Stable   |
| Conditions to avoid                            | Avoid open flame and other ignition sources, avoid eater, moisture and humidity. |
| Incompatibility                                | Strong oxidising materials moisture or humid air.                                |
| Hazardous combustion or decomposition products | Burning can produce carbon monoxide, oxides of silicon and hydrocarbons.         |

### 11. Toxicological Information:

|                      |  |
|----------------------|--|
| Inhalation/Ingestion | After prolonged exposure may experience headache, drowsiness, nausea, vomiting |
| Skin contact         | After prolonged exposure, degreasing of skin, possible secondary inflammation  |

### 12. Ecological Information:

Adverse ecological effects cannot be discounted in the event of improper handling. Do not allow to enter drinking water, waste water or soil.

### 13. Disposal Considerations:

|                      |  |
|----------------------|--|
|                      | Waste product should not be discharged directly into drains or waterways. Disposal of product and packaging should always comply with local and national regulations |
| EU waste code number | No Waste Code Number available   |



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### **14. Transport Information:**

IATA HAZARD CLASSIFICATION

|                       |                               |
|-----------------------|-------------------------------|
| Proper shipping name: | Petrolleum Distillates, n.o.s |
| Hazard class:         | 3                             |
| Hazard Label:         | Flammable Liquid              |
| UN Number:            | UN 1268                       |
| UN Packing Group:     | II                            |

### **15. Regulatory Information:**

The concentrations shown are maximum or ceiling levels (weight %) to be used for the calculations for regulations.

### **16. Other Information:**

All information given in this Health & Safety Data Sheet is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use nor does it replace the need for your own risk assessment.

All information presented in accordance with EC Directive 2001/58/EC and is correct at date of publication and is given in good faith but without warranty.

We cannot accept liability for any loss, damage or patent infringement resulting from the use of this information.

As with all materials, care should be exercised when handling.

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