



# Material Safety Data Sheet

## FW5301 Intense Cobalt Blue Stain

This substance is hazardous according to criteria of Worksafe Australia.

**Company Details**  
Walker Ceramics 2/21 Research Drive, Croydon South, Victoria 3136, Australia  
Telephone (03) 8761 6322 Fax (03) 8761 6344  
Email [sales@walkerceramics.com.au](mailto:sales@walkerceramics.com.au) Website [www.walkerceramics.com.au](http://www.walkerceramics.com.au)  
Date Of Issue: April 2014

### IDENTIFICATION

|   |                                       |
|---|---------------------------------------|
| Product Name                            | Intense Cobalt Blue Stain             |
| Other Names                             | None                                  |
| Manufacturers Product Code              | FW5301                                |
| UN Number                               | N/A                                   |
| Dangerous Goods Class & Subsidiary Code | N/A                                   |
| Hazchem Code                            | N/A                                   |
| Poisons Schedule Number                 | N/A                                   |
| Use(s)                                  | Decoration of ceramic & pottery ware. |

### PHYSICAL DESCRIPTION / PROPERTIES

|                               |  |
|-------------------------------|--|
| Appearance                    | Fine pink powder.  |
| Boiling Point / Melting Point | Not applicable   |
| Vapour Pressure               | Not applicable   |
| Specific Gravity              | Not applicable   |
| Flashpoint                    | Not applicable   |
| Flammability Limits           | Non-flammable.   |
| Solubility in Water           | Not applicable   |
| Other Properties              | This product is a mixture of various metal oxides, salts and some compounds, considered to be a nuisance dust, are interfused to form the final product, which does not represent individual components. |

### INGREDIENTS

| Chemical Name                | CAS Number | Proportion (%) |
|------------------------------|------------|----------------|
| Silica, Crystalline (quartz) | 14808-60-7 | <5             |
| Cobalt Oxide                 | 1308-06-1  | 10-15          |

### HEALTH HAZARD INFORMATION

|   |   |
|---|---|
| <b>Acute</b>  |   |
| Swallowed   | Toxic, Large oral doses may cause gastrointestinal irritation, excessive coughing and intestinal disorders.                 |
| Eye   | Dust may cause irritation to eyes.  |
| Skin  | Dust may cause irritation and dryness of the skin.  |
| Inhaled   | Breathing dust may cause respiratory irritation and disabling progressive pulmonary fibrosis due to the free quartz silica. |
| <b>Chronic</b>  |   |
| Chromium, Nickel and their certain compounds are deemed a possible cancer hazard. Prolonged or repeated exposure may cause skin, mucous membrane and eye irritation. It may also cause iron deficiency. Long-term exposure to silica dust can cause silicosis, which is characterized by shortness of breath, coughing, chest discomfort. |   |

| FIRST AID               |   |
|-------------------------|---|
| Swallowed               | Induce vomiting if conscious. Consult doctor.   |
| Eye                     | Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention if irritation persists. |
| Skin                    | Remove contaminated clothing. Wash thoroughly with soap and water.  |
| Inhaled                 | Keep patient calm and remove to fresh air. Give oxygen if necessary.  |
| First Aid Facilities    | Ensure an eye bath is available and ready for use.  |
| <b>Advice To Doctor</b> | Treat symptomatically based on judgement of doctor and individual reactions of patient.   |

| PRECAUTIONS FOR USE  |  |
|----------------------|--|
| Exposure Standards   | <p>Silica, Crystalline (quartz) as dust<br/>ACGIH TWA 0.01 mg/m<sup>3</sup></p> <p>Cobalt Oxide<br/>ACGIH TWA 0.1 mg/m<sup>3</sup></p> <p>ACGIH = American Conference of Governmental Industrial Hygienists.<br/>TWA = Time Weighted Average<br/>NOHSC = National Health &amp; Safety Commission</p> |
| Engineering Controls | Ensure workplace is well ventilated.   |
| Personal Protection  | Respiratory protection using an approved NIOSH mask where airborne level exceeds appropriate occupational exposure level. Protective clothing. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.                          |
| Flammability         | Not applicable   |

| SAFE HANDLING INFORMATION |   |
|---------------------------|---|
| Storage & Transport       | Store and transport in accordance with all regulations. Keep tightly closed in a dry, cool and well-ventilated place. Not subject to hazardous substances labelling.  |
| Spills & Disposal         | Dispose of in accordance with all Local, State and Federal regulations by incineration or disposal to landfill.   |
| Fire / Explosion Hazard   | Fire fighters should wear full protective clothing including self-contained breathing apparatus. Use water, foam or dry extinguishing media. Use equipment /media appropriate to surrounding fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations. |

| OTHER INFORMATION |                                     |
|-------------------|-------------------------------------|
|                   | Ecotoxic effects: no data available |

| CONTACT POINT |   |
|---------------|---|
|               | <p>Walker Ceramics 2/21 Research Drive, Croydon South, Victoria 3136, Australia<br/>Telephone (03) 8761 6322 Fax (03) 8761 6344<br/>Email <a href="mailto:sales@walkerceramics.com.au">sales@walkerceramics.com.au</a> Website <a href="http://www.walkerceramics.com.au">www.walkerceramics.com.au</a><br/>Date Of Issue: April 2014</p> |

This MSDS summarises, at the date of issue, our best knowledge of the health & safety hazard information for this product, and in particular how to safely handle and use this product in the workplace. Since Walker Ceramics and its agents cannot anticipate or control the conditions under which this product may be used, each user must prior to usage, review this MSDS in the context of how the user intends to handle and use this product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact us. Our responsibility for products sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.