

**PRODUCT: FILLERS FG**

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**SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER****Product Name:** Fillers FG**Manufacturer's Product Code:** RFLFG**Other Names:** None**Recommended Uses:** Add to epoxies to increase consistency

Ramset Fasteners (Aust) Pty Limited ACN 004 297 009

A Division of ITW Construction Products

Maroondah Highway,

Mooroolbark, Victoria, Australia, 3138

**Telephone:** 1300 780 063**Emergency Telephone Number:** 1300 780 063 (Monday to Friday, 7:30 am to 5:30 pm EST)**SECTION 2: HAZARDS IDENTIFICATION****- Classified as Hazardous according to criteria of NOHSC -****Risk Phrases:**

R48/23: Toxic. Danger of serious damage to health by prolonged exposure through inhalation.

**Safety Phrases:**

S22: Do not breathe dust.

S38: If insufficient ventilation, wear suitable respiratory equipment.

S45: In case of accident or if you feel unwell seek medical advice immediately.

S37/39: Wear suitable gloves and eye/face protection.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient Chemical Identity</b>	<b>CAS Number</b>	<b>Proportion</b>
Crystalline Silica	14808-60-7	99%
Respirable Crystalline Silica	14808-60-7	1%

**SECTION 4: FIRST AID MEASURES****ACUTE****Swallowed:** Do NOT induce vomiting. Give a glass of water to drink. Contact a doctor or Poisons Information Centre 13 1126**Eye:** If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. If irritation persists contact a doctor.

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**Skin:** If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Contact doctor if irritation persists.

**Inhaled:** If inhaled remove from exposure.

**SECTION 5: FIRE FIGHTING MEASURES**

**Product is not flammable or combustible**

**Suitable Extinguishing Media:** Not applicable

**Hazardous products of combustion:** Not applicable

**Special protective precautions and equipment for fire-fighters:** Not applicable

**Hazchem code:** None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Methods and materials for containment and clean up:** Wet spilled material to prevent dust. Alternatively, wear respiratory protection and sweep up. Scoop up material into label containers for disposal.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling:**  
Protect packages from damage.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**National exposure standards**

Ingredient	CAS	TWA		STEL	
		ppm	mg/m <sup>3</sup>		
Crystalline Silica	14808-60-7		0.1		

**EXPOSURE INFORMATION:**

No exposure standard is established for this material by the National Occupational Health & Safety Commission (NOHSC), however the exposure standard for respirable crystalline silica, in the form of quartz, as set by NOHSC is given above.

Note: The exposure limit for dust otherwise not specified is TWA 10 mg/m<sup>3</sup> (inspirable fraction). TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

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**RESPIRATORY PROTECTION:**

If engineering controls are not effective in controlling airborne exposure then an approved Respirator with a replaceable particulate filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**EYE PROTECTION:**

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**HAND PROTECTION:**

Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

**BODY PROTECTION:**

Suitable protective work wear should be worn when working with this material, e.g. cotton overalls buttoned at neck and wrist.

**ENG. CONTROLS:**

Good ventilation adequate to maintain the concentration below exposure standards is required. The use of a local exhaust ventilation system (drawing dusts away from workers breathing zone) is recommended. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

**HYGIENE MEASURES:**

Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet facilities.

**Engineering controls**

Good ventilation adequate to maintain the concentration below exposure standards is required. The use of a local exhaust ventilation system (drawing dusts away from workers breathing zone) is recommended. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

**Personal protective equipment:**

Wear impervious gloves and overalls. Wear safety glasses, goggles or face shield

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Off white to brown crystals

**Odour:** None

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**pH:** Not applicable  
**Vapour Pressure:** Not applicable  
**Boiling Point / Range:** Not applicable  
**Freezing / Melting Point:** Not applicable  
**Solubility in Water:** Not soluble  
**Specific Gravity:** 2.65  
**Flashpoint and Method:** Not applicable  
**Flammability Limit:** Not applicable  
**Explosive Limit:** Not applicable  
**Ignition Temperature:** Not applicable

**Other Properties:**  
**Volatile Organic Compound Content (VOC):** Zero

**SECTION 10: STABILITY AND REACTIVITY**

**Chemical stability:** Stable

**Conditions to avoid:** None

**Incompatible materials:** None

**Hazardous decomposition products:** None

**Hazardous reactions:** None

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute**

**Swallowed:** Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.

**Eye:** Eye contact may cause mechanical irritation

**Skin:** Skin contact may cause dryness. May cause mild irritation in the case of some individuals with sensitive skin.

**Inhaled:** Breathing of dust may cause shortness of breath, and aggravate asthma and inflammatory or fibrotic pulmonary disease. Inhalation may cause delayed lung disease. Acute aspiration may cause drying and irritation of the respiratory tract, cough, dyspnea, sneezing, vomiting, cyanosis, and pulmonary edema which may be delayed by up to several hours.

**Chronic**

Toxic, danger of serious damage to health by prolonged exposure through inhalation. The product contains respirable free crystalline silica. Repeated, prolonged or concentrated inhalation of respirable crystalline silica dust may lead to silicosis, a serious lung disease. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred. Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma.

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**CARCINOGENICITY:**

The product contains >1% respirable crystalline. Crystalline silica has been classified by International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1) Furthermore, crystalline silica can cause silicosis or other lung diseases on prolonged exposure.

**SECTION 12: ECOLOGICAL INFORMATION**

Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Class and subsidiary risk:** None  
**Packaging Group:** None  
**Hazchem Code:** None

**SECTION 15: REGULATORY INFORMATION**

**Poisons Schedule:** None  
**NICNAS Status:** Ingredients are listed in the AICS

**SECTION 16: OTHER INFORMATION**

**Contact Point: Product Manager – Construction Chemicals**