



Alex Fraser Recycled Sand Safe Operating Guide

This Safe Operating Guide provides guidance to assure the health and safety of personnel involved in the handling and use of Glass Sand products.

The Alex Fraser Recycled Sand product is typically available in two grades; 5mm and 10mm nominal diameter. Product characterisation and analysis indicates that this material contains a proportion of glass dust that is present as a consequence of the raw material handling, processing and grading. Laboratory examination and analysis has confirmed that this product contains less than 1% crystalline silica.

Alex Fraser Group will provide a Safety Data Sheet (SDS) for the product, which provides additional and qualifying safety information to that provided here.

The following Safety Guides and "Safety Dot Points" comprise the Safe Operating Guide for the use, handling and processing of the Alex Fraser Recycled Sand material provided by Alex Fraser Group.

SAFETY GUIDES

The principle safety hazard associated with the recycled glass product is that related to the presence of a glass dust fraction that has been created as a consequence of the physical abrasion that occurs when the raw (glass) material is processed and graded to produce the 5mm and 10mm nominal Alex Fraser Recycled Sand product sizes.

As a precautionary measure, Alex Fraser Group will, at the point of dispatch, pre-wet the Alex Fraser Recycled Sand product for dust suppression. It is also recommended that the product should be pre-wetted whilst in storage and, if practicable, prior to its use in road-making mixtures.

As a consequence of the potential for glass dust material to be present in any bulk shipment, personnel involved in handling this product material, and in the manufacture of road-making products should:

- Where possible, avoid being in areas immediately down-wind of material loading, off-loading and road-making activities since these areas will highly likely be characterised as having higher dust content.
- Wear wrap around or close fitting safety glasses (or glasses fitted with side-shields) to prevent any airborne dust material entering the eyes.
- Wear either a P1 or P2 disposable (respirator) half-face dust mask to prevent airborne dust material being inhaled and entering airways.
- In the event of product spillage, and where practicable, avoid dust generation by pre-wetting any spilt material before attempting its clean up and recovery.