

Sprayglass SG29

Storage temperatures and shelf life information



Storage temperatures and shelf life information for resins and glass fibre reinforcements

Storage of Sprayglass International materials should be stored in dry conditions. The storage temperature should preferably be close to 25°C. Excessively low or elevated temperatures will reduce the shelf life. Sprayglass resins are stable at ambient conditions but, if stored improperly, may polymerise slowly. Exposure to sunlight or other sources of high temperature can lead to rapid polymerisation with dangerous exotherm. Sprayglass resins and glass flakes coatings in their 20 to 25 kilo units should be stored out of direct sunlight. Sprayglass products are supplied in white painted drums to minimise heat absorption from the sunlight.

Resin Shelf life

Sprayglass international resins systems provide superior performance in reinforced plastic applications. This is due in part to their high degree of reactivity. A side effect of high reactivity however is somewhat limited shelf life. The shelf life given in our literature is a conservative figure and generally, our coatings can be used with good performance in service for longer periods than the shelf life given. When coatings are used beyond their stated shelf life, their condition, application and curing characteristics should be checked before spraying operations begin, by carrying out gel time and hold up check.

Inventory Rotation

To minimise potential shelf life problems, you should maintain your inventory of SprayGlass resins and glass flake coatings on a first-in first-out basis, i.e. always use your oldest resins first.

Organic Peroxide Storage

Organic peroxide (Catalyst) should be segregated from resins. Containers should be stored in a well ventilated, flameproof area at a maximum temperature of 25°C. Bulk storage should ideally be in a secure brick building, but smaller quantities can be stored in suitable metal cabinets. Container should be opened only immediately prior to the product being used and should never be left open. **Use by date shown on the container label.**

Storage Housekeeping

All storage areas should be kept clean and free from combustible materials such as rags and paper-towels. Good standards of hygiene should be observed, and smoking prohibited. Any accidental spillage must be dealt with immediately

Storage of Glass Fibres

Glass fibres products (450 gm mat/ surface tissue and 280 gm woven) should be stored carefully so they remain clean and dry and must not absorb water. Glass that is dirty or has absorbed water should not be used, as the presence of dirt or moisture could inhibit resin / fibreglass compatibility, resulting in poor laminate quality.