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Health and Safety Aspects of Sarena Tanks On-Site

PRODUCT DESCRIPTION

Sectional and one-piece glass reinforced polyester water storage cisterns.

HANDLING AND STORAGE

Mouldings from GRP are chemically stable. At normal temperatures there is no hazard under normal storage conditions.

They are difficult to ignite and therefore are not hazardous as a potential source of ignition. In a conflagration they will contribute to the fire and will evolve hazardous fumes and smoke.

Prohibit open flames, cutting and welding torches, electrical heaters and high intensity lamps close to the cistern walls. If hot work must be done, protect the tank with heat resistant blankets.

DRILLING AND TRIMMING

Dust arising from drilling and trimming is currently classified as a nuisance dust, one which does not have any significant biological effects, but could interfere with comfort and welfare. Precautions must be taken to maintain dust concentrations within the occupational exposure limits of $10\text{mg}/\text{m}^3$, recommended by the health and safety executive. Dust respirators of approved pattern along with gloves and eye protection with side shields should be worn.

EYES

Eyes contaminated with dust should be flushed with flowing water for at least 15 minutes and if symptoms persist, seek immediate medical attention.

SKIN

Rubbing or scratching may force fibres into the skin, the dust should be washed off with soap and water, use of a barrier cream can in some instances be helpful.

FIRE FIGHTING

Polyester based mouldings will burn once ignited, giving off smoke. Small indoor fires may be controlled by the use of foam or dry powder. In the open, water is unsuitable but may be used to prevent overheating and consequent spread of flames.

WASTE DISPOSAL

Waste may be disposed of by controlled incineration or burial, but the requirement of the Control of Pollution Act 1974 should be observed.

