

BULK MATERIALS WARMING AND FREEZE PROTECTION IN ATEX HAZLOC ENVIRONMENTS

A safe and effective way to warm and protect bulk materials in hazardous areas

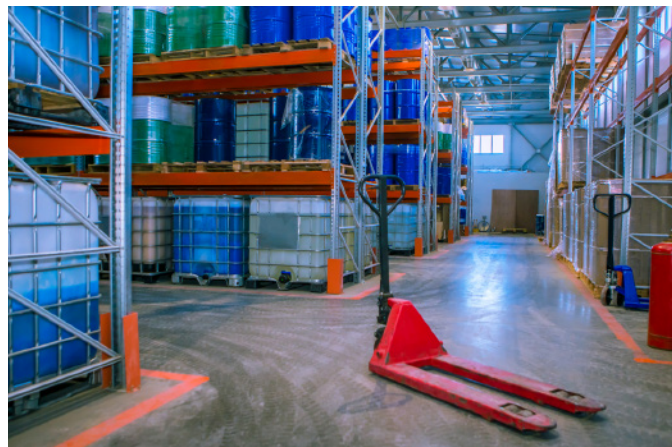
Application

Various liquids, gases, and even solids are often stored in bulk containers. Common containers include drums, IBC tanks, and gas bottles. In order to effectively protect the contents from cold, reduce viscosity, or increase efficiency for easy dispensing, the contents must be kept warm. If the temperatures of the contents fall below desired levels, the contents could be ruined or unable to dispense at all. Many of these containers are in hazardous areas where ATEX certification is a requirement for the type of heaters permitted for use.

Solution

BriskHeat offers ATEX certified heaters for drums, IBC tanks, and gas bottles. They are rated for zones 1/2 (gas) and 21/22 (dust) and are IP65/I for indoor and outdoor use. They fit most standard-size units and are certified for T6, T5, T4, and T3 operating temperatures. Common applications include viscosity control, freeze protection, temperature maintenance, heat-up, melting, and efficiency.

BriskHeat offers an ATEX certified temperature controller, with built-in high temperature limiter, that can be used with all BriskHeat ATEX container heaters. It also has an energy output limiter for slower heat-up rates on low resistance elements. It features easy programming, dual digital displays with a clear window for easy temperature monitoring, a DIN rail terminal block for easy and reliable electrical connections, a 25 amp high operating capacity, and a temperature range up to 200°C.



Industries

Asphalt/Concrete	Manufacturing
Chemical Processing	Semiconductor, Flat Panel, & Photovoltaic/Solar
Energy/Power Generation	Water/Wastewater Treatment
Gas & Oil	
Heavy Industry/Mining	

Types of Users

Facilities Maintenance	Production Managers
Process Engineers	

