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RESEARCH
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TRANZ Q 414

Lamp Globe & Illumination Element Mount Release Gel

TRANZ Q 414 is a non-melting corrosion-inhibiting dielectric compound that enables immediate disconnection, separation and withdrawal of lamp globe bases and other illumination element mounts from their retention sockets including screw and socket fit types after prolonged service. In corrosive environments, or simply following a very long service period, it is frequently found that globes cannot be withdrawn from their sockets for replacement or service without the use of pressures/forces that may lead to hazardous destruction of the glass component, and the consequent time waste and hazard of removal by force.

The performance of TRANZ Q 414 will be of vital interest to:

- **All domestic and commercial lighting installations**
- **Municipal street lighting**
- **All high intensity lighting especially sealed units**
- **Manufacturing plants, especially steel. petroleum, chemical,**
- **metallurgical etc**
- **Private, commercial, marine and shipping.**

TRANZ Q 414 retains the same consistency from temperature of -75°C to +215°C It is non-inflammable, and meets all requirements under MIL Spec. 8660-C It is an odourless, white opaque compound which is non-toxic and physiologically inert to humans and animals. It may cause temporary irritation if accidentally introduced into the eyes.

PACKING

400Gm cartridges. 500 Gm jars, 1 Kg and 5Kg and 20Kg pails..

METHOD OF USE

TRANZ Q 414 is simply smeared by finger-tip or cloth on the entire surfaces where release is required. For 240 V and higher Q414 can be applied to both the mount and the element base as long as the actual contact points are wiped. For 6 and 12 Volt systems of low amperage, the actual contact point should be very carefully cleaned to prevent current interruption. It is harmless to metals, plastics and rubber, and its high dielectric strength (minimum 6 Kv / mm) would not interfere with normal insulation values.

It is valuable to note that if sparking should ever occur through TRANZ Q414, the breakdown products themselves are still non-conducting.