

TD – A THERMAL INDUCTED DESTRUCTOR

Burning TD-A greatly reduces the risk of deflagration and detonation of the target munition and therefore minimises the impact of fragmentation, blast over-pressure and acoustic pollution. The packaging allows for maximum heat transfer by the thermit becoming semi-liquid on ignition to flow into cavities such as fuze wells and pockets.

Disarmco's Thermit Destructor – TD-A is a modified, high temperature Thermit mix specifically designed to rapidly burn through thin sheet metal casings and ignite High Explosive (HE) fillings or other energetic materials held within. This product allows burning of munitions without having to actively access/cut through casings and expose the explosive.

They are initiated using a TIS (Thermit Initiated Starter).



Applications

Demilitarisation: The decommissioning of munitions is an international challenge especially in the area of HE filled Ordnance. Open detonation has become increasingly difficult due to environmental pressures and constraints. TD-A offers a useful alternative to the standard HE countermine charge where detonation and deflagration are unacceptable events. EOD: The reduction of collateral damage and environmental impact are often significant considerations in EOD operations. TD-A units offer an alternative Low Order neutralisation option where the risk of detonation or deflagration is significantly reduced. Furthermore, by removing the requirement to case access, the EOD operator significantly reduces risk and increases throughput productivity.



Advantages of TD-A

- Reduced fragmentation hazard
- Reduced blast over-pressure
- Reliably burns out large weapons without the need for Hydro Abrasive Cutting or trepanning to get access to the fill.
- Reliable against a wide range of military High Explosive fillings.