

TD – A

THERMAL DESTRUCTOR Type A

Disarmco's Thermal Destructor (TD-A) is a modified, high temperature Thermite mix specifically designed to rapidly burn through thin sheet metal casings and ignite High Explosive (HE) fillings or other energetic contents. By burning in fuze pockets, TD-A allows burning of munitions without the need to actively cut through casings to expose the explosive.

Burning with 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 simple plastic bag packaging allows for maximum heat transfer by the thermite, as it becomes semi-liquid on ignition to flow into cavities such as fuze wells and pockets.



TD-A's are initiated using a TIS (Thermite Initiated Starter). TD-A is supplied with 950g (1 X 350g and 6 X 100g bags) which allows the TD-A quantity deployed to be easily adjusted.

TD-A has a UN Classification 4.1, flammable solid.

APPLICATIONS

- TD-A is used in Disarmco's Hot Drop system, this is a stand-off solution for "no-touch" items such as mines and cluster munition. Also used to neutralise mortars, RPGs and grenades.
- Used to neutralise by burning the filling, of large HE filled munitions such as sea mines, torpedoes and warheads. TD-A is deployed into fuze pocket where it melts through the thin liner to burn the filling.
- Where appropriate, TD-A bags can be placed directly onto the casing of thin skinned, HE filled, munitions to melt the casing and burn the filling.



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.



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