

INTRODUCTION AND USE

The Disarmco Thermal Destructor Type A (TD-A) has been designed to burn through thin casings and fuze pockets (3mm of steel) to ignite explosive fillings. TD-A is supplied premixed in plastic bags with portions totalling 950g (1 X 350g and 6 X 100g). Fig 1. For articles that are deemed ‘no touch’ Disarmco offers the Hot Drop system which uses TD-A; see the Hot Drop information sheet for details. TD-A has a UN transport DG classification 4.1 – flammable solid.

LIMITATIONS OF USE AND GENERAL SAFETY

The Disarmco TIS starter, is the only starting method recommended for TD-A. Fig 2. Only Explosive Ordnance Disposal (EOD) operators or those who have the necessary competence/training should use this thermite device. Before using TD-A, personnel unfamiliar with thermal EOD techniques should undertake a course of training.

STANDARD OPERATING PROCEDURE (SOP)/INSTRUCTIONS

1. These instructions are not intended for standalone use; they are for inclusion into relevant customer SOPs. For TD-A use in the Hot Drop system see the Hot Drop information sheet.
2. Read also, the Information/SOP sheet for the Disarmco TIS starter
3. To ensure the TD-A remains dry, only remove the TD-A bag from the bulk packing when use is imminent
4. Keep TA-D bags dry
5. At the task, remove the elastic band from the TD-A pack and carefully open bag
6. Place a TIS starter in the TD-A bag (Fig 3) and gently move the TD-A powder through the bag to ensure the TIS is surrounded by TD-A powder (Fig 4). If required, the elastic band can be put back onto the TD-A bag to ensure the TIS starter remains in place (Fig 5(a) & Fig 5(b)).
7. Place the TD-A (with starter) into fuze pocket or onto the case of the ammunition.
8. For connection of firing cable, read the Disarmco TIS Information/SOP sheet.

HAZARDS: Very HOT > 2400°C (3rd degree burns). Do not inhale fumes



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5 (a)



Fig 5 (b)