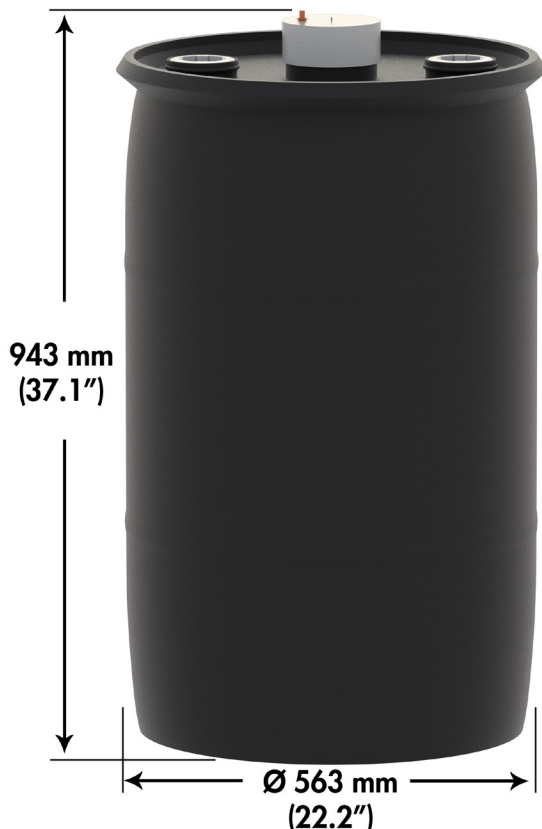




EZCORE II™ 55G TACTICAL DISRUPTER PRODUCT #: 2-71-07



**EFFECTIVE
AGAINST:**



DESCRIPTION:

EZCORE II™ 55G TACTICAL DISRUPTER is comprised of one deployable plastic drum consisting of a central cylinder for filling with **FIXOR MP™ Binary Explosive** (included) and an outer container for filling with typical disruption materials such as water, coarse sand or gravel (disruption materials not included). A fully adjustable Detonator Holder is provided to securely position a detonator in place (detonator not included).

APPLICATIONS*:

EZCORE II™ 55G TACTICAL DISRUPTER is MREL's largest Tactical Disrupter and has been proven effective at disrupting suspicious targets containing quantities of explosives in a controlled manner with minimal collateral effects. One or more **EZCORE II™ 55G TACTICAL DISRUPTERS** can be robot or hand deployed and fired singularly or simultaneously to effectively disrupt larger sized terrorist devices while utilizing smaller amounts of explosives all within the operational response time typically available to responding Bomb Technicians.

FEATURES:

Pourable binary explosive core load provided – no need for additional explosives. Non-explosive for transport and storage. Flexible shipping worldwide by FedEx, air cargo, truck freight and ocean freight. Becomes a safe, reliable, tactical disrupter instantly when loaded. Fully deployable packaging that is ready for detonator insertion.

* Due to the sensitive nature of proven tactics, techniques and procedures (TTPs) for utilizing MREL's Tactical Disrupters to successfully disrupt improvised explosive device threats; only general descriptions of APPLICATIONS are provided in this document. Contact MREL to describe your threats and MREL will suggest the appropriate Tactical Disrupters and TTPs to assist you.

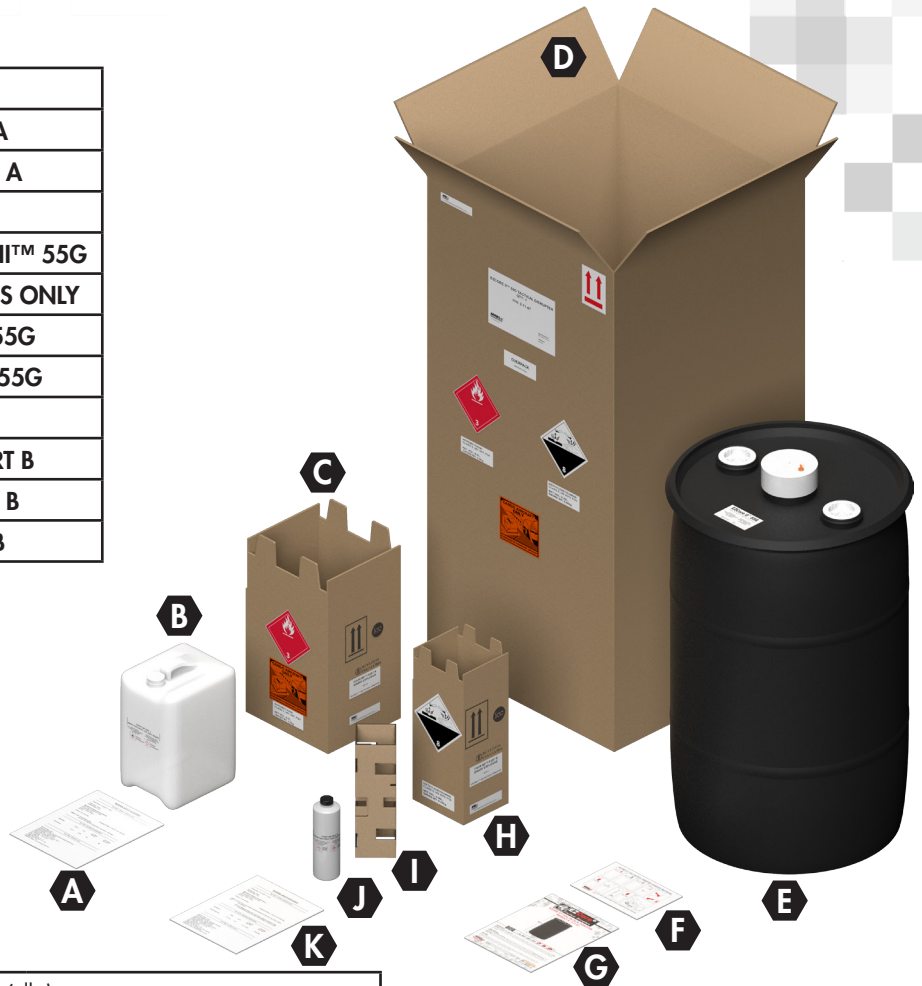


EZCore II™

Tactical Disrupters

PARTS INCLUDED:

	PART #	QTY	NAME
A	2-71-07-A	1	MSDS - FIXOR MP™ PART A
B	2-71-07-B	1	BOTTLE - FIXOR MP™ PART A
C	2-71-07-C	1	BOX - FIXOR MP™ PART A
D	2-71-07-D	1	OVERPACK BOX - EZCORE II™ 55G
E	2-71-07-E	1	EZCORE II™ 55G - PLASTICS ONLY
F	2-71-07-F	1	OPS GUIDE - EZCORE II™ 55G
G	2-71-07-G	1	DATA SHEET - EZCORE II™ 55G
H	2-71-07-H	1	BOX - FIXOR MP™ PART B
I	2-71-07-I	1	CORRUGATED INSERT - PART B
J	2-71-07-J	1	BOTTLE - FIXOR MP™ PART B
K	2-71-07-K	1	MSDS - FIXOR MP™ PART B



EZCORE II™ 55G TACTICAL DISRUPTER PROPERTIES:

Total Weight When Loaded	229.8 kg (506.6 lb.)	
Weight of Water	211.0 kg (465.2 lb.)	
Weight of FIXOR MP™ Binary Explosive	8.2 kg (18.1 lb.)	TNT equivalency = 9.0 kg (19.8 lb.)
Blast Overpressure	45.5 kPa (6.6 psi) at 10.0 m (32.8 ft.).	

FIXOR MP™ PART A PROPERTIES:

Classification	Transport of Dangerous Goods (TDG): Class 3 Flammable Liquid, UN 1261, Packing Group II.
Health/Environmental	Use in ventilated areas or outdoors. Material Safety Data Sheet (MSDS) supplied.

FIXOR MP™ PART B PROPERTIES:

Classification	Transport of Dangerous Goods (TDG): Class 8 Corrosive Liquid, UN 2079, Packing Group II.
Health/Environmental	Use in ventilated areas or outdoors. Wear protective clothing. Material Safety Data Sheet (MSDS) supplied.

FIXOR MP™ BINARY EXPLOSIVE PROPERTIES:

Classification and Authority	Class 1.1D explosive. Charges, Demolition UN 0048. Chief Inspector of Explosives, Explosives Regulatory Division, Natural Resources Canada, Government of Canada.
Density	1.124 g/cc
Detonation Velocity	6,400 m/s (21,000 ft./sec.)
TNT Equivalency	1.1 relative effectiveness factor