

EXPLUS TSR

EPC-UK supply EXPLUS TSR primers in 50mm and 35mm diameter cartridges. This explosive is suitable for use as a primer for initiating Ammonium Nitrate based explosives in shallow large diameter holes as experienced in opencast coal sites.

APPLICATION

Packaged emulsions contain water in oil compositions, i.e. where the water solution of oxidisers is dispersed evenly between the oil phase. A surfactant (emulsifier) is used to ensure that the oxidiser remains dispersed in the fuel. A density reducing agent is added to make the product detonator sensitive.

As a result of the intimate blend of the oxidiser and fuel and the fine particle size, emulsions have a relatively high velocity of detonation in comparison to other products. These products have excellent water resistant properties.

PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	Cartridged Emulsion Explosives: EXPLUS TSR
Use of the Product	Explosive mainly used in quarries, mines and public construction work.
Manufacturer / Supplier	EPC-UK EXPLOSIVES
Address	ROUGH CLOSE WORKS CARNFIELD HILL SOUTH NORMANTON ALFRETON DERBYSHIRE, DE55 2BE
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PRODUCT SPECIFICATION

Product Type	Emulsion Primers
Product Name	Explus TSR
Weight Strength (% ANFO)	130
Bulk Strength (% ANFO)	206
Density (g/ml)	1.27
VOD (m/s)	5500
Gas Volume (l/kg)	708
Water Resistance	Very Good
Detonator Sensitive	Yes (0.6g PETN or Equivalent)
Temperature Range (use) °C	-10/+60
Shelf Life	1 year
UN Number	UN0241
UN Description	Explosive, Blasting, Type E
UN Class/Compatibility Group	1.1D
CE Mark	0080.EXP.08.0020

PACKAGING DETAILS

Product Packaging	Plastic Laminate
Cartridge Diameter (mm)	50
Cartridge Length (mm)	250
Cartridge Weight (kg)	0.5
Cartridges/box (kg)	50



EXPLUS TSR

EMULSION PRIMERS

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QUALITY ASSURANCE

EXPLUS TSR is designed, manufactured and implemented by EPC Groupe, certified ISO 9001, ISO 14001, ISO 22301, ISO 45001.

SAFETY HEALTH ENVIRONMENT

EXPLUS TSR is classified as "Dangerous Materials". EPC Groupe invites you to read the corresponding Safety Data Sheet (available on our website) which contains more detailed information, necessary to know before any operation.

EPC Groupe will not be liable for any loss or misuse of the product or in the event of use in incompatible environments.

TERMS & CONDITIONS

The products and services that we supply to you are sold subject to our standard Terms and Conditions of Supply and any other Special Conditions that we notify to you. Copies of these conditions are available on request.

The information contained in this leaflet is given without warranty and cannot cover all conditions of use. Users should undertake their own tests to ensure the suitability of the products for their own particular application.

CONTACT US

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Product Data Sheet

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