

**TECHNICAL DATA SHEET**

# FAMECORTE S

**Generic Name by SUCAMEC:** CONTOUR BLASTING EXPLOSIVE

**DESCRIPTION AND COMPOSITION:**

FAMECORTE S is an explosive emulsion contained in continuous plastic sleeves and carries a 10PE Detonating Cord line longitudinally attached to the emulsion cartridges.

FAMECORTE S comes in plastic sleeves of 1 ¼, 1 ½ and 2 inches in diameter and 20 inches in length, other dimensions are manufactured upon request.

**USES:**

FAMECORTE S has been specially designed for the control of end slopes of open pits and smooth walls in quarry and road slopes. For the selection of the appropriate diameter of the product for your operations, we suggest to be guided by the following reference table:



Drill hole diameter	Product diameter
5 ½ - 7 ½ inches	1 ¼ inches
7 ⅞ - 9 ½ inches	1 ½ inches
> 9 ⅞ inches	2 inches

The handling temperature range of the FAMECORTE S is from -8°C to 50°C. For different temperatures it is recommended to contact the Technical Assistance area.

**TECHNICAL CHARACTERISTICS:**

	UNIT	FAMECORTE S
Relative density	g/cm <sup>3</sup>	1.14 ± 0.1
Velocity of Detonation (*)	m/s	4 600 ± 600
Detonation pressure	kbar	60
Energy	kcal/kg	785
Normal volume of gases	l/kg	920
Relative power by weight (**)	(%)	87
Relative power by volume (**)	(%)	121
Sensitivity to primer	---	No. 8
Water resistance	---	Excellent
Fume category	---	Class 1

(\*) Detonation velocity as a 1 ½ inch diameter cartridge.

(\*\*) Relative powers referred to ANFO, with conventional power of 100.

The values expressed are results at normal conditions (20°C and 1 atm.)

**PACKAGING:**
**Packing 1.1D**

	<b>BOX MATERIAL</b>	<b>BOX CAPACITY (Pcs.)</b>	<b>NET WEIGHT (Kg)</b>	<b>GROSS WEIGHT (Kg)</b>	<b>OUTER DIMENSIONS (cm)</b>
FAMECORTE S 1 inch. x 8 m	Cardboard	3 Pcs. of 15 cartridges	14.75	16.55	54.0 x 30.8 x 20.5
FAMECORTE S 1 inch. x 17 m	Cardboard	2 Pcs. of 32 cartridges	20.0	22.0	54.8 x 46.8 x 20.2
FAMECORTE S 1 ½ inch. x 16 m	Cardboard	2 Pcs. of 30 cartridges	22.0	24.0	54.8 x 46.8 x 20.2
FAMECORTE S 1 ¼ inch. x 8 m	Cardboard	3 Pcs. of 15 cartridges	21.0	23.2	54.8 x 46.8 x 20.2
FAMECORTE S 1 ½ inches x 8 m	Cardboard	2 Pcs. of 15 cartridges	20.0	22.0	54.8 x 46.8 x 20.2
FAMECORTE S 1 ½ inches x 10 m	Cardboard	2 Pcs. of 19 cartridges	26.5	28.5	54.8 x 46.8 x 20.2
FAMECORTE S 1 ½ inches x 11 m	Cardboard	1 Pcs. of 21 cartridges	14.55	15.75	54.8 x 31.6 x 21.7
FAMECORTE S 1 ½ inches x 12 m	Cardboard	1 Pcs. of 23 cartridges	15.5	17.3	54.8 x 46.8 x 20.2
FAMECORTE S 1 ½ inches x 16 m	Cardboard	1 Pcs. of 30 cartridges	20.0	22.0	54.8 x 46.8 x 20.2
FAMECORTE S 1 ½ inches x 17 m	Cardboard	1 Pcs. of 32 cartridges	22.0	23.8	54.8 x 46.8 x 20.2
FAMECORTE S 2 inches x 8 m	Cardboard	1 Pcs. of 15 cartridges	19.2	21.0	54.8 x 46.8 x 20.2

**TRANSPORT:**

Class : 1  
Division : 1.1D  
UN No. : 0241


**STORAGE AND WARRANTY:**

FAMECORTE S should be stored in powder magazines at **temperatures between 5°C and 30°C**, located in safe, well ventilated, dry areas, protected from rain and heat. Also, the explosive inventory should be rotated, avoiding the use of new materials before using old ones. And it must be stored according to the current compatibility table of the relevant authority.

FAMECORTE S kept in its original packaging and stored in the above-mentioned temperature conditions has a **warranty period of 12 months** after its production date.

**WARNING:**

FAMESA EXPLOSIVOS S.A.C. has safe products, but they may become dangerous elements in inexperienced hands.

The purchaser or user must comply with the applicable regulations during transport, storage and use, as well as train duly all its personnel involved in its loading and handling, providing mechanical aids for loads over 25 kg per person.

FAMESA EXPLOSIVOS S.A.C. assumes no liability for transport, storage and/or improper use their products may experience.

The information and recommendation described in this document do not necessarily cover all product applications nor the different conditions under which it is being used. These are based on the experience, research and tests done by Famesa Explosivos S.A.C., who does not guarantee favorable results nor assume any responsibility, expressed or implied, in relation to the use of these suggestions. This product may be changed without prior notice.