

## PYRO-SAFE® DG-S

### Fire protection coating

Protect your values.

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### Description

PYRO-SAFE® DG-S is a water based fire protection coating for interior use, especially developed for rolling stock applications. The VOC content is significantly below the minimum limit of 50 g/L, which is defined by GS-11 (Green Seal Standard, Edition 3.1/2013).

### Areas of application

- Rolling Stock
- General industrial applications
- On request



### Delivery and packaging

PYRO-SAFE® DG-S			
Packaging	Bucket		
Container size	3 kg	5 kg	12.5 kg
	On request		
Quantity	60 pcs. / pallet		40 pcs. / pallet
Weight	180 kg	300 kg	500 kg
Article number			
	01157037	01157017	01157007

If you would like to place an order, please contact us:

☎ +49 4105 4090-14 ✉ [industry@svt.de](mailto:industry@svt.de)

## PYRO-SAFE® DG-S

### Technical data

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Colour	anthracite, on request			
Density (+20°C)	1.080 - 1.320 g/cm³			
Viscosity (+20°C)	6,000 - 10,000 mPas (at +20°C) (thixotropic)			
Temperature resistance	-20°C to +80°C (tested for 40 days without mechanical stress)			
Reaction temperature	150°C			
Volatile organic compounds (VOC)	The VOC content is well below the minimum limit of 50 g/L set by GS-11 (Green Seal Standard, Edition 3.1/2013).			
Processing temperature	+5°C to +30°C			
Processing (min. +5°C / < 85% relative humidity)	Application is preferably done airless (nozzle bore ≥ 0.051 inch = 1.3 mm) or compressed air painting (nozzle bore ≥ 3.5 bis ≤ 4 mm) at temperatures ≥ 5°C and ≤ 85% relative humidity. PYRO-SAFE® DG-S can be diluted with water to the preferred processing viscosity			
Drying times	Ambient conditions		Wet film thickness 500 µm overpaintable with itself	
	+25 °C / 35% rel. humidity		after approx. 30 min	
	+80 °C / 35% rel. humidity		after approx. 10 min	
Example usage	Solid object (weight)	Application quantity [g/m²]	Layer thickness [µm]	
			Wet	Dry*
	65 - 75 %	500 g/m²	550 µm	300 µm
		1,000 g/m²	1,100 µm	600 µm
	*The required dry layer thickness varies depending on the fire protection requirements and technical fire protection characteristics of the constructions to be protected. Spraying losses have not been taken into consideration!			
Storage	18 months in the unopened container			
	At room temperature (+5°C to +30°C) exceeding the ambient temperature up to 10°C < 12 hours does not pose a problem. Protect from frost.			
Delivery form	3 kg, 5 kg, 12.5 kg PE bucket			
Safety instructions	PYRO-SAFE® DG-S is not a hazardous substance in accordance with the German Ordinance on Hazardous Substances (GefStoffV) and not a hazardous good in accordance with the German Hazardous Goods Ordinance – Road (GGVS) and the European ADR.			
	Additional instructions can be found in the safety data sheet			
Certificates	RST P60-16-8099 DIN 45545-2 R1/R7 HL 3 ETA 130100 ETA 16 0268			