AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

PYRO-SAFE ® DG-S - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

Aodisi Fire Technology (Langfang) Co., Ltd.

销售及选型联系 / Sales & product enquiries

19931333348

492048031@qq.com

www.gmfireproof.com

以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

PYRO-SAFE® DG-S

Fire Protection Coating

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 use
- On request

Delivery and Packaging

PYRO-SAFE® DG-S		
Packaging	pail	
Size	5 kg	12.5 kg
	On request	
Number of pieces	60 pcs. / pallet	40 pcs. / pallet
Weight	300 kg	500 kg
Article number		
	01157017	01157007

kuhn odice

PYRO-SAFE® DG-S

Technical Data

Colour	anthracite grey, on request			
Density (+20 °C)	1080–1320 g/cm³			
Viscosity (+20 °C)	6000–10 000 mPa·s (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 significantly below the the lowest limit value of 50 g/L as defined by GS-11 (Green Seal Standard, ed. 3.1/2013).			
Processing temperature	+5 °C to +30 °C			
Processing (min. +5 °C / < 85 % relative humidity)	The coating is prefereably applied using the airless method (nozzle bore: > 0.051 inch) or by compressed air (nozle bore 3.5–4 mm) at temperatures ≥ 5 °C and a relative humidity of ≤ 85 %. Water may be used to adjust PYRO-SAFE® DG-S to a preferred viscosity for processing.			
Drying times	ambient conditions		wet film thickness 500 µm can be coated over with itself	
	+25 °C / 35 % relative humidity		after approx. 30 min	
	+80 °C / 35 % relative humidity		after approx. 10 min	
Example consumption	solids (wt.)	application quantity [g/m²]	film thickness [µm]	
			wet	dry*
	65–75 %	500 g/m²	550 µm	300 µm
		1000 g/m²	1100 µm	600 µm
	The necessary dry film thickness varies depending on fire protection requirements and the fire protection properties of the respective constructions. Spraying losses are not included.			

Storage	At room conditions (+5 °C to +30 °C), exceeding the ambient temperature by up to 10 °C for less than 12 hours will not cause problems. Protect from frost. 18 months in original sealed container.
Safety information	PYRO-SAFE® DG-S is not a hazardous substance according to the German Ordinance on Hazardous Substances (GefStoffV) and not a dangerous good according to the German Hazardous Goods Ordinance – Road (GGVS) and the European ADR. Please consult the safety data sheet for additional safety-related information.