

PLIXXOPOL® SC 610036

Introduction & Application

PLIXXOPOL® SC 610036 is a flame-retardant coating to protect burnable surfaces against fire. High flame-retardant standards, such as the ISO 13501: 2019 class B-s1, d0 can be obtained. PLIXXOPOL® SC 610036 is water based and fully save in use.

PLIXXOPOL® SC 610036 can be applied by roller or airless gun. The nozzle opening should be between 0,9 and 1,3 mm depending on the output of the machine. All filters should be removed from the machine. The coating can be dried on air. After drying PLIXXOPOL® SC 610036 will result in a flexible film.

Typical Characteristics

Polyol component PLIXXOPOL® SC 610036

Property	Unit	Value	Method
Appearance		black	
Solid content	%	approx. 60	by weight
Viscosity	Poise	approx. 30	HaakeVT02 spindle 1
pH	-	approx. 7,5	

*These values provide general information and are not part of the product specification.

General Processing Instructions

PLIXXOPOL® SC 610036 must be gently stirred before use. The nozzle opening should be at least 0.9 mm.

At least 560 g/m² (wet) of the coating should be applied in two layers.

Average practical consumption with an airless spray machine 1000 g/m².

The fire classification tested is valid on all applied thicknesses and in combination with PLIXXOPOL® SF 640100 only.

The PLIXXOPOL® SC 610036 is not for outside use or in areas where the relative humidity can be >70%.

The PLIXXOPOL® SC 610036 can only be cleaned with a slightly moist cloth. Do not use a high-pressure cleaner or water hose for cleaning.

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Storage, Handling & Preparation

The recommend storage temperature should be selected within 5 - 30°C. When stored in unopened original containers or drums in dry areas, PLIXXOPOL® SC 610036 has a storage life (ex-works) of 6 months starting from the delivery date. Do not expose storage containers or drums to direct sunlight. Reclose opened containers tightly after each use.

Fire Performance Test

The methods described in this publication for testing the fire performance of polyurethane and the results quoted do not permit direct conclusions to be drawn regarding every possible risk there may be under service conditions. Furthermore, this does not release the producer of the finished parts from his obligation to carry out suitable tests on his end product with respect to the fire performance and/or fire risk in order to guarantee conformity with the required fire safety standard.

Labelling & REACH Applications

This Technical Data Sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information - in accordance with statutory requirements - will only be reflected in the Safety Data Sheet which will be revised and distributed. Information relating to the current classification and labelling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet processed.

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This product is not designated as „Medical Grade“ and therefore shall not be considered a candidate for the manufacture of a medical device or of intermediate products for medical devices, which are intended under normal use to be brought into direct contact with the patient's body (for example skin, body fluids or tissues, including indirect contact to blood). This product is also not designated for food contact, including drinking water, or cosmetic applications (as defined in Commission Regulation EU 1935/2004). If the intended use of the product is for the manufacture of a medical device or of intermediate products for medical devices, for food contact products or cosmetic applications PLIXXENT must be contacted in advance to provide its agreement to sell such product for such purpose. Nonetheless, any determination as to whether a product is appropriate for use in a medical device or intermediate products for medical devices, for food contact products or cosmetic applications must be made solely by the purchaser of the product without relying upon any representations by PLIXXENT.

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