

PLIXXOPOL® SC 610131

Introduction & Application

PLIXXOPOL® SC 610131 is a flame retardant coating to protect burnable surfaces against fire. High flame retardant standards, such as the ISO 13501: 2019 class B-s2, d0 can be obtained. PLIXXOPOL® SC 610131 is water based and fully save in use.

PLIXXOPOL® SC 610131 can be applied by roller or airless gun. The nozzle opening should be at least 1,4 mm. The coating can be dried on air. After drying PLIXXOPOL® SC 610131 will result in a flexible film.

Typical Characteristics

Polyol component PLIXXOPOL® SC 610131

Property	Unit	Value	Method
Appearance		white	
Solid content	%	approx. 60	by weight
Viscosity	Poise	approx. 40	HaakeVT02 spindle 1
pH	-	approx. 7,5	(10% in water, 20 °C)

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

General Processing Instructions

PLIXXOPOL® SC 610131 must be gently stirred before use. The nozzle opening should be at least 1.4 mm.

At least 520 g/m2 (wet) of the coating should be applied in two layers.

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

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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 610131 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.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by PLIXXENT. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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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