

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

**That the Surface materials and floor coverings with low flame-spread characteristics:
Adhesives**

with type designation(s)
SG-M3 Type Marine Fire Sealant Adhesive

Issued to
Shanghai Siaco New Materials Technology Co.,Ltd
Shanghai, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773**,
item No. MED/3.18e. SOLAS 74, Reg. II-2/3, II-2/5, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000
HSC Code 7 and IMO 2010 FTP Code

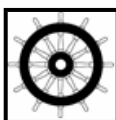
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-05-19**.

Issued at **Hamburg** on **2019-05-20**

DNV GL local station:
Shanghai

Approval Engineer:
Timo Linn



Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-009188-1**
Certificate No: **MEDB000056B**

Product description

"SG-M3 Type Marine Fire Sealant Adhesive"

SG-M3 type marine fire sealant adhesive produced mainly composed of neutral organosilicone, curing agent, halogen-free flame retardant.

Total layer thickness: 2 mm

Density approx.: 1400 kg/m³

Organic content: 23.6 %

Max. amount: 2800 g/m²

Application/Limitation

Approved for use as adhesive with low flame spread characteristics.

The product satisfies the requirement for maximum calorific value (ref. SOLAS Chapter II-2, Reg 5.3.2.2) without further testing.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Test Report no. 19026 dated 24nd of January 2019 issued by FEFTC, Far East Fire Testing Centre, Shanghai, China.

Tests carried out

Tested according to IMO Res. MSC.307(88) – 2010 FTP Code Annex 1, Part 5 and in compliance with Annex 2, 2.2 and 2.3.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation and MED Mark of Conformity (see first page).