

certificate  
no. IFA 1404224  
dated 2014-10-13

Translation

## DGUV Test Certificate

Name and address of the holder of the certificate: (customer) Unitika-Sparklite Ltd.  
13-8 Ikagahera Goma Hiyoshi-cho Nantan-Shi,  
Kyoto 629-0311  
JAPAN

Product designation: **Retroreflective material according to DIN EN ISO 20471**

Type: MR-3531 P (A) HEAT TRANSFER FILM

Testing based on: DIN EN ISO 20471:2013, clause 6:  
Photometric and physical performance requirements for retroreflective material and combined performance material.

Test report: Test certificate No.: 201422752 - IFA, Sankt Augustin

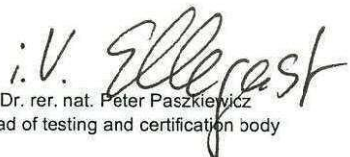
Further details: Intended purpose:  
This retroreflective material is intended for use in PPE.  
This DGUV Test Certificate is not valid as verification of the conformity to standard of PPE.

Remarks:  
The retroreflective material fulfils the requirements of DIN EN ISO 20471 clause 6.  
The retroreflective material fulfils the requirements of the standard after 50 wash-cycles (ISO 6330, 6N/F (60 °C) and after 25 cleaning cycles (ISO 3175-2).  
The DGUV test symbol is supplemented with the words "Reflexmaterial nach EN ISO 20471".  
The DGUV Test Certificate replaces the test certificates IFA 1404200 dated 24.07.2014 and IFA 0904043 dated 21.01.2013

The type tested meets the safety and health requirements currently in force in the Federal Republic of Germany. The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to the products complying with the type tested.

The present certificate including the right to affix the DGUV Test mark is valid until: **2019-10-12**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification of August 2012.

  
Dr. rer. nat. Peter Paszkiewicz  
Head of testing and certification body

  
Dr. Ing. Detlef Mewes  
Certification officer

In any case, the German original shall prevail.