

SHG PUR-Profile GmbH Wecostr. 3 • 53783 Eitorf Telefon: +49 2243 91741-0 Telefax: +49 2243 91741-20



### Strangprofile und Formteile aus Polyurethan

SHG PUR-Profile GmbH · Wecostraße 3 · 53783 Eitorf

To whom it may concern

May 27, 2019

We are pleased to announce that our Knuffi Warning and Protective Bumper Guards are compliant with RoHS 2011/65/EU & RoHS 2015/863 according Restricted Materials Conformity Reports by Claigan Inc.

Knuffi / Representative Samples received by Claigan Inc. on December 10, 2018 cover the following:

Knuffi Bumper			
Colour	Description		
yellow-black	all lengths		
neon-black	5m roll		
black-yellow reflective	Wall Protection Kits		
red-white reflective	magnetic option		
white			
black			
neon-red			
black corners			



# Restricted Materials Conformity Report CETR-KNF04.3

Prepared for:	Knuffi	
Part Name: Representative Samples		
Part/Model Number:	•	
Samples Received Date:	December 10, 2018	
Testing Period:	January 17, 31, and February 14, April 25, 2019	
Tests Requested:	RoHS Directive 2011/65/EU and its amendment directives, in particular, Commission Delegated Directive 2015/863 to restrict four phthalates	
	REACH Regulation 1907/2006 and its amendment regulations	
Date of Report:	April 29, 2019	

#### Results

Directive / Regulation	Conclusions	Substances
RoHS 2011/65/EU	Compliant	-
RoHS 2015/863	Compliant	-
REACH 1907/2006 (33)	Compliant	-
REACH 1907/2006 (67)	Compliant	-

#### Legend

Compliant: Compliant for all evaluated substances.

Compliant contingent: Compliance is contingent upon client addressing identified substances. The action may include a

review of risk, application, or use of an applicable declaration/warning.

[Compliant] pending: [Compliant for most substances.] Further testing/evaluation of identified substances by Claigan is

required to address remaining risks.

Open risk: Identified substance risks require client information or feedback to resolve.

Not compliant: Not compliant for identified substances.



## Test Report CETR-KNF04.3 April 29, 2019 Page 2 of 37

#### **Test Summary**

	EN 62321-2: 2013 [Modified]: Disassembly, Disjunction, and Mechanical Sample Preparation	
Reference:	EN/IEC 62321-3-1:2014 [Modified]: Screening. Lead, Mercury, Cadmium, Total Chromium, and Total Bromine by X-Ray Fluorescence Spectrometry	
	EN/IEC 62321-8:2017: Phthalates in Polymers by Gas Chromatography- Mass Spectrometry (GC-MS)	
	X-Ray Fluorescence Spectroscopy (XRF)	
Screening Procedures:	ChromateCheck® Test Strips	
Screening Procedures.	Fourier Transform Infrared Spectroscopy (FTIR)	
	Engineering Analysis	
Follow-up Procedures:	Gas/Liquid Chromatography Mass Spectroscopy (GC/LC-MS)	

#### **Revision History**

Rev	Description	Written By	Reviewed By	Date
1	Initial release	lain Calder	Phil Dicks	March 3, 2019
2	REACH added	lain Calder	Phil Dicks	April 12, 2019
3	Final report	lain Calder	Phil Dicks	April 29, 2019