

iBVD

Dokument Id
5566815519-00028
Version
1

Skapad
2018-11-19
Status
2019-01-08



Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

1

GRUNDDATA

Varubeskrivning

Tomkapsling med upphängningsögla och grepphandtag för montering av elektriska komponenter, med mellanvägg. Utan täckplattor. För strömförsörjning av arbetsplatser i våta områden. Skyddsnivå: IP 44.

Övriga upplysningar

-hus i grafitsvart, RAL 9011 - täckplattor i gult, RAL 1021.

Klassificeringar

| | |
|----------|------------------------------------|
| ETIM › | -EC000379 - CEE-kontaktkombination |
| BK04 › | |
| BSAB › | |
| UNSPSC › | |

Leverantörsuppgifter

Företagsnamn

OBO Bettermann AB

Organisationsnummer

5566815519

Adress

Hemsida

www.obobettermann.se

Miljökontaktperson

Namn

Helen Holmström

Telefon

042-3888204

E-post

holmstrom.helen@obobettermann.se

2

HÅLLBARHETSARBETE

Företagets certifiering

- ISO 9000
- ISO 14000

Policys och riktlinjer

3

INNEHÅLLSDEKLARATION

| | |
|--|------------------|
| Kemisk produkt | Nej |
| Omfattas varan av RoHs-direktivet | Nej |
| Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion | Nej |
| Varans vikt | 0,617 - 1,157 kg |

Vara / Delkomponenter

Koncentrationen har beräknats på hela varan

| Ingående material /komponenter | Vikt-% i komponent | CAS-nr (alt legering) | EG-nr (alt legering) | Vikt % i produkt | Kommentar |
|--------------------------------|--------------------|-----------------------|----------------------|------------------|----------------------------------|
| ST 2G BK K32 | 0% | | stål DIN 267 | 0% | Var god se bifogad dokumentation |

Del av materialinnehållet som är deklarerat

Särskilt farliga ämnen

Varan innehåller INTE några ämnen med särskilt farliga egenskaper (Substances of very high concern, SVHC-ämnen) som finns med på kandidatförteckningen i en koncentration som överstiger 0,1 vikts-%

Utgåva av kandidatförteckningen som har använts

2019-01-08 00:00:00

Övrigt

Inget angivet

4

RÅVAROR**Återvunnet material**

Innehåller varan återvunnet material: Nej

Träråvara

Träråvara ingår i varan: Nej

5

MILJÖPÅVERKAN

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Nej

Finns annan miljövarudeklaration

Nej

6

DISTRIBUTION

Beskrivning av emballagehantering för distribution av varan

Skickas i kartong som går att återvinnas.

7

BYGGSCKEDET

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

8

BRUKSSKEDET

Finns skötselansvisningar/skötselråd?

Nej

Finns en energimärkning enligt energimärkningsdirektivet (2010/30/EU) för varan?

Ej relevant

9

RIVNING

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid rivning/demontering?

Nej

| | |
|--|--------|
| Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall? | Nej |
| Är återanvändning möjlig för hela eller delar av varan? | Nej |
| Är materialåtervinning möjlig för hela eller delar av varan? | Nej |
| Är energiåtervinning möjlig för hela eller delar av varan? | Nej |
| Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering? | Nej |
| När den levererade varan blir avfall, klassas den då som farligt avfall? | Nej |
| Avfallskod (EWC) för den levererade varan | 170203 |

| E-nummer | Leverantörens artikelnummer | GTIN |
|-----------------|------------------------------------|---------------|
| 24 733 50 | 6109 800 | 4012195125037 |
| 24 734 30 | 6109821 | 4012195287391 |
| 24 734 35 | 6109822 | 4012195125204 |
| 24 733 51 | 6109802 | 4012195125044 |
| 24 733 52 | 6109804 | 4012195125075 |

Produktdatablad

Prestandadeklaration

Säkerhetsblad

Miljövarudeklaration

Skötselansvisning

Övriga bifogade dokument

- 10511946_53937_13_10511946_01-4265-reach-substances-very-high-concern-svhc-inquiry.pdf
- 10511946_53938_13_10511946_01-4406-01-dow-corning-product-uses-and-reach-registration.pdf
- 10511946_53939_13_10511946_01-4576-reach-svhc-rrc-communication.pdf
- 10512672_S1621-GR(91-00400)-Rohs-20170911.pdf
- 10590218 ABSENCE-SVHC-1423_20TVK-OBO BETTERMANN HUNGARY KFT. (HU000230)-02-19.pdf
- 27753_13_10524018-KomformitätsschreibenOBOBettermannUngarn190517.pdf
- 27796_13_10512128_OBO_SVHCs_ROHs_und_Halogene_22_05_17.pdf
- 54662_13_10582500_RöchlingREACH_15_1_2018_EN.PDF
- Bilder_iBVD_00028.pdf
- MArcegaglia_938-CSteel_REACH_ENG.pdf
- Status_on_Reach_December_2015_Polyblak_10590218.pdf
- VH Uttagsbox utan tryckluft-BVB.pdf

Dow Corning® Products Containing Substances on the REACH Candidate List (SVHC)

The table below covers all *Dow Corning*® commercial products that contain a chemical substance included in the REACH Candidate list at a concentration of 0.1% w/w or above. The table is reviewed and updated following each update of the Candidate List by ECHA. To search the list please use the FIND function under the EDIT tab, enter the full or partial product name or the CAS number you are searching for then hit the ENTER key on your computer. This will take you to the first occurrence of that entry in the table. You can scroll to view all entries using the NEXT or PREVIOUS buttons.

Please note: REACH Candidate List substances are declarable at equal to or greater than 0.1%. For products sold in the EU containing a SVHC at $\geq 0.1\%$, the substance is listed in section 3 of our EU Safety Data Sheet. If you require confirmation of the presence of an SVHC, in the product(s) you purchase from Dow Corning, below the 0.1% concentration threshold please [contact our EHS team](#).

| Dow Corning Material Name | Chemicals Substance Name | CAS Number | Substance Level (wt %) |
|---|--------------------------|--------------------------|------------------------|
| XIAMETER® RBM-9004 MODIFIER | Boric acid* | 11113-50-1 or 10043-35-3 | >5.5% |
| XIAMETER® RBM-9003 MODIFIER | Boric acid* | 11113-50-1 or 10043-35-3 | >0.1%<5.5% |
| DOW CORNING® 5 COMPOUND | Boric acid* | 11113-50-1 or 10043-35-3 | >0.1%<5.5% |
| SILASTIC® EP 4227 PURPLE AKP | Boric acid* | 11113-50-1 or 10043-35-3 | >0.1%<5.5% |
| MOLYKOTE® D-735 ANTI-FRICTION COATING | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE(R) PA-722 AF COATING | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE(R) PA-744 AF COATING | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE(R) D-97M-4F | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE(R) D-148 | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE(R) D-166 | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE(R) D-6024 AF COATING | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE®(R) D-6130 ANTI-FRICTION COATING | 1-Methyl-2-pyrrolidone | 872-50-4 | >30 |
| MOLYKOTE® D-9630 ANTI-FRICTION COATING | 1-Methyl-2-pyrrolidone | 872-50-4 | >1.0<5.0 |
| DOW CORNING® 365, 35% DIMETHICONE NF EMULSION | Octylphenoethoxylates** | 9036-19-5 | >1.0<5.0 |
| DOW CORNING® 1111 EMULSION | Octylphenoethoxylates** | 9036-19-5 | >1.0<5.0 |

| Dow Corning Material Name | Chemicals Substance Name | CAS Number | Substance Level (wt %) |
|--|---|------------|------------------------|
| <i>DOW CORNING</i> [®] Q2-3183A ANTIFOAM | Octylphenoethoxylates** | 9036-19-5 | >1.0<5.0 |
| <i>DOW CORNING</i> [®] 89 ADDITIVE | Octylphenoethoxylates** | 9036-19-5 | >1.0<5.0 |
| <i>DOW CORNING</i> [®] 65 ADDITIVE | Octylphenoethoxylates** | 9036-19-5 | >1.0<5.0 |
| <i>DOW CORNING</i> [®] 6 ADDITIVE | Octylphenoethoxylates** | 9036-19-5 | >1.0<5.0 |
| <i>DOW CORNING</i> [®] 2-3035 ANTIESPUMANTE | Octylphenoethoxylates** | 9036-19-5 | >0.1<1.0 |
| <i>DOW CORNING</i> [®] 3422(KOR) POLYURETHANE RELEASE | Octylphenoethoxylates** | 9036-19-5 | >0.1<1.0 |
| <i>DOW CORNING</i> [®] UCARSOL [®] GT-10 | Octylphenoethoxylates** | 9036-19-5 | >0.1<1.0 |
| <i>DOW CORNING</i> [®] Q2-3315 ANTIFOAM | Octylphenoethoxylates** | 9036-19-5 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] A 6221 CUV BLACK YGYA THERMOPLASTIC | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] A 6221 CUV 167A EBONY THERMOPLASTIC | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] A 6221 CUV 848 BLACK THERMOPLASTIC | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] A 6221 CUV A 167A EBONY THERMOPLASAS | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] A 6221 UV RXF BLACK | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] A 8502 LC UV RXF BLACK THERMOPLASTI | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] TES A 8008 EU0 BMW BLACK THERMOPLAS | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] G 60 A 520 B N0200 13744 THERMOPLAS | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] G 75 A 520 205/09 10779(US version) | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |
| <i>MULTIFLEX</i> [®] TES A 8008 EU0 NATURAL | Benzotriazole-Bis(2-Methylbutyl) Phenol | 25973-55-1 | >0.1<1.0 |

*As documented in Annex II of Commission Regulation EC/790/2009, the presence of boric acid at Specific Concentration Limit of 5.5% w/w or above requires classification as Reproductive Toxin Category 1b.

**Covered under the Candidate List entry: 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]

NOTE: The contract for supply of the customer's Dow Corning Product(s) remains between the customer and the supplying Dow Corning legal entity or Dow Corning distributor as appropriate. Responsibility for the information provided hereunder rests solely with that supplying entity. This declaration does not represent a commitment to supply any Dow Corning Product.

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS PROVIDED IN GOOD FAITH AND IS DEEMED ACCURATE AT THE DATE OF THIS DECLARATION. DOW CORNING MAKES NO WARRANTY EXPRESS OR IMPLIED ABOUT THIS INFORMATION. THE INFORMATION SHOULD NOT BE USED AS A SUBSTITUTE FOR CUSTOMER'S OWN TESTS AND ANALYSIS. CUSTOMER REMAINS RESPONSIBLE TO ENSURE THAT DOW CORNING'S PRODUCTS ARE FULLY SATISFACTORY FOR ITS INTENDED USE(S) AND COMPLIANT WITH ALL LAWS AND REGULATIONS APPLICABLE THERETO. TO THE EXTENT PERMITTED BY THE APPLICABLE LAW, DOW CORNING DISCLAIMS ALL LIABILITY WHATSOEVER, HOWSOEVER ARISING FROM OR IN CONNECTION WITH THE INFORMATION INCLUDING ANY LIABILITY FOR INCIDENTAL, INDIRECT, CONSEQUENTIAL AND SPECIAL DAMAGES.

Dow Corning Product Uses & REACH Registration

The REACH regulation requires the registration of the intended uses of a chemical substance so that the risks associated to the use of that substance in a particular application can be adequately assessed and appropriate safe handling instructions provided by the supplier. Since the introduction of the REACH regulation, Dow Corning has worked with our downstream users to understand and document the uses of our products. Please read on for further information on Dow Corning's position on REACH product use registration and the possibility to communicate any non standard use of Dow Corning's products.

Dow Corning's Position on the Registration of Uses

1- Dow Corning product is a pure substance produced by Dow Corning:

Dow Corning has registered, or intends to register, standard uses identified for this substance as sold to our customers according to deadlines set forth in the REACH regulation. Substances already registered by Dow Corning, and their related uses covered in the registration dossiers, are available directly from the ECHA web-site:

<http://echa.europa.eu/information-on-chemicals/registered-substances>

2- Dow Corning product is a polymer or a blend of polymers produced by Dow Corning:

The REACH regulation does not require the registration of polymers. Dow Corning has registered, or intends to register, the starting monomers used to produce these polymers. The identified uses of the polymers do not have to be reported in the registration dossiers of the corresponding monomers.

3- Dow Corning product is a mixture of substances produced by Dow Corning and purchased raw materials:

When the product is a mixture of substances produced by Dow Corning and purchased raw materials, Dow Corning has registered or intends to register standard uses identified for the product in the registration dossiers of those substances produced by Dow Corning and present in the product. Substances already registered, and their related uses covered in the registration dossiers, are available directly from the ECHA web-site:

<http://echa.europa.eu/information-on-chemicals/registered-substances>

Dow Corning has reported the identified standard uses to the suppliers of raw materials included in the product. In case the concerned raw materials are substances, Dow Corning is currently working to confirm that these uses have been covered in our suppliers' registration dossiers. Until this confirmation process has been completed, Dow Corning cannot confirm the registration status of any uses at the level of such product mixtures.

Questions or New Product Use Communication

Should you have questions related to a specific use of a Dow Corning product, please contact us at: reachsupport@dowcorning.com

Updating REACH Dossiers with New Uses

Should a new use be identified for a particular Dow Corning product, Dow Corning will assess if this use is already covered by any exposure scenario already registered as part of our registration dossiers. Should this use not be covered, and provided this new use is supported by Dow Corning and can be safely continued, Dow Corning intends to include this additional use in the respective registration dossier(s).

In parallel, Dow Corning will communicate the new identified use to the supplier of any raw materials contained in the respective product composition.

Please be aware that there will inevitably be a time delay between confirmation of acceptance of a new product use communicated to Dow Corning and that new use being covered in the registration dossiers of the substances in that product. Dow Corning will strive to update dossiers within a reasonable timeframe dependent on the priorities and workload within the silicone industry consortium managing our registrations.

Should customers, for confidentiality reasons, not wish to disclose their use of a Dow Corning product (that contains substance(s) manufactured in or imported into the EU by

Dow Corning), REACH allows for the downstream user to assume the sole responsibility to register their use of such substances directly with ECHA.

Generic Use Lists

Occasionally, Dow Corning receives requests for the registration of entire lists of generic combinations of uses. Dow Corning has adopted the policy that we will only consider requests for the inclusion of new uses that are communicated product by product and are a realistic reflection of the actual use of that product in that supply chain. Including all combinations of uses in such generic lists for all products purchased not only creates a huge and unnecessary workload but also has implications on the outcome of the risk assessment. It is possible that risk assessments on use combinations, that in practice are not relevant for that substance, may lead to overly-stringent risk management measures to which the Downstream User will then be obliged to comply. Therefore, Dow Corning kindly requests that you communicate your specific uses for each specific Dow Corning product you purchase.

IMPORTANT NOTE: The information contained herein is provided in good faith and is based on the best information currently available to Dow Corning. However, this information is subject to change and neither Dow Corning nor its affiliates can have any liability whatsoever howsoever arising for any reliance placed on this information by the user. This information does not represent a commitment to supply any product(s) to a customer and does not constitute a commitment or intention to register any product(s) under REACH.

Dow Corning Products, commercially available on the date of this letter, include Dow Corning®, Xiameter®, Molykote®, Sylgard®, Syl-off®, Silastic®, HSC®, HIPEC®, Dow Corning Toray, TPSIV® and Multibase® Brands.

Subject: Substances of Very High Concern Inquiry (REACH SVHC)

In our continuous efforts to provide you with information about REACH, we wish to inform you that a list of chemicals being considered as candidates for SVHC classification under REACH regulations has been posted by the European Chemicals Agency (ECHA) and can be found at: <https://echa.europa.eu/candidate-list-table>

As of the date of this communication, according to ECHA communications, there are currently 181 substances on the REACH Candidate List. The Candidate List was last updated on 15.01.2018.

On 18.12.2017, the European Chemical Agency recommended a further group of substances from the Candidate List for inclusion into Annex XIV of REACH (the "Authorization list"). Information on the ECHA Annex XIV recommendations can be found at: <https://echa.europa.eu/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list>

The products listed contain a substance which is either on the Candidate List of substances of very high concern or recommended for inclusion in Annex XIV:

[Link to Product List](#)

With the exception of the products listed above, to the best of Dow Corning Corporation's (including its subsidiaries) knowledge and belief, Dow Corning products* do not contain any of the substances which are on the candidate list of substances of very high concern or recommended for inclusion in Annex XIV at the time of our supply to your company above the reporting threshold of 0.1%.

We are unaware of any potential sources for the introduction of any substances of concern from the manufacturing and packaging processes utilized, nor from the packaging components themselves. However, Dow Corning does not specifically analyze for the presence of substances of very high concern.

This information is provided in good faith and is believed accurate as of the date of this letter based on a review of current composition and information supplied by vendors. However, no warranty with regard to the information contained herein is expressed or implied and Dow Corning expressly disclaims any liability whatsoever howsoever arising from or in connection with this letter.

Sincerely,

Dow Corning Corporation

A wholly owned subsidiary of The Dow Chemical Company

* Dow Corning Products, commercially available at the date of this letter, include Dow Corning®, Xiame-ter®, Molykote®, Sylgard®, Syl-off®, Silastic®, HSC®, HIPEC®, Dow Corning Toray, TPSIV® and Multibase® Brands

Declaration of colour masterbatches



1. Manufacturer

GRAFE Color Batch GmbH
Waldecker Str. 21
99444 Blankenhain
Germany

2. Description of the material

S1621-GR PA-Colorbatch Rapsgebl, Item-No. 91-00400

3. Effective date of this Declaration

Monday, 11 September 2017

4. Compliance with legal regulations

We, hereby, confirm that the a. m. material complies with the following legal regulations:

- EU Directive (EC) No. 1935/2004, dated 27th October 2004, of the European Parliament and the Council

Furthermore, the compliance with the following regulations is hereby confirmed:

Plastic materials

- EU Directive in 552/2009/EC REACH annex XVII with which the directive 76/769/EC is substituted
- EU-DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) (EU Directive in 2002/95/EC RoHS of the 7/1/2008 and 2010/571/EC of the 9/24/2010 for the restriction of the use of certain dangerous materials in electrical appliances and electronics machines ban of among other things DecaBDE)
- EU Directive in 2012/19/EC of the 07/04/2012 for the change of the directive in 2002/96/EC over Electric and electronics-old machines, WEEE
- EU Directive in 2009/251/EC forbade the marketing of products with more than 0.1 mg Dimethylfumarat (DMF) kg
- EU Directive in 2006/122/EC of the 12/12/2006 amending for the 30th time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations (perfluorooctane sulfonates (PFOS)).

5. Not used materials – halogens

The master batch does not contain halogen compounds.

6. REACH - SVHC

The product is REACH compliant and is the content of < 0,1% from substances which are included on the candidate list (stand 10/28/2008, 1/13/2010, 3/30/2010, 6/18/2010, 12/15/2010, 06/20/2011, 12/19/2011, 6/18/2012, 12/19/2012, 6/20/2013, 12/16/2013, 06/16/2014, 12/17/2014, 06/15/2015, 12/17/2015, 06/20/2016, 01/12/2017 and 07/07/2017).

Blankenhain, 11/09/2017

GRAFE Waldecker Straße 21
COLOR 99444 Blankenhain
BATCH *P. Henkel*
Tel: (036459) 46-0
Fax: (036459) 46-145

i.A. Petra Henkel

Important notice about migration fastness:

A colorant should not migrate into food stuff when used for the designated application. The pigments used have been tested accordingly. However, the migration fastness also depends on the subsequent treatment as well as on the type and amount of other recipe components. It is therefore impossible to guarantee any migration freedom and the converter have to carry out own tests under Lab or production conditions.

The given information is based on today's knowledge and own experiences and don't release the manufacturer from carrying out own tests, because of the variety of possible influences due to processing and application



ABSENCE OF SVHC as published by ECHA on December 17, 2015

108493 POLYBLAK 1423/20 TVK

In response to your request we can confirm that the above mentioned product does not contain any intentional additives of the below referenced substances above the thresholds as listed and defined in the relevant EU directive.

Candidate list of substances of very high concern in accordance with Article 59(10) of the REACH regulation as published by ECHA on December 17, 2015.

The absence of such substances has not been verified by analysis or tests and is declared based on the information available to us from our raw material suppliers. It can therefore not be excluded that trace levels of these substances may be unintentionally present (amongst others because they may be ubiquitous in the environment) or may result from the specific characteristics of the raw materials or the manufacturing process. It is the responsibility of the recipient of our products to ensure that any local applicable rules and legislation are observed.

This document is valid until the next relevant legislative and/or regulatory change.

Statement managed by A. SCHULMAN – Product Safety Department

Issue date: February 19, 2016.

To the best of our knowledge, the information contained in this statement is accurate and reliable as of the date of publication. The information relates only to the product specifically identified in this document when not used in combination with any other products or materials. A. Schulman makes no warranties, express or implied, and assumes no liability in connection with any use of this information.

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Sattler KunststoffWerk GmbH . Carl-Zeiss-Str. 5 . 63165 Mühlheim am Main

OBO Bettermann Hungary Kft.
Frau Hajnalka Varga
Alsóráda 2
2347 Bugyi
UNGARN

Ihr Zeichen

Ihre Nachricht vom

Unser Zeichen

Datum

11925 /pi-33

19.05.2017

REACH-, RoHS-Konformität und Halogenfreiheit

Sehr geehrte Frau Varga,

vielen Dank für Ihre Anfrage per E-Mail vom 18. Mai 2017 über die REACH-, RoHS-Konformität und Halogenfreiheit für die von uns gelieferten Produkte. Wir verwenden ausschließlich Kunststoffe, Additive und Farbstoffe für unsere eingefärbten Compounds, die folgenden Richtlinien entsprechen:

REACH-Verordnung 1907/2006/EC:

Unser Unternehmen, die Sattler KunststoffWerk GmbH, ist Nachgeschalteter Anwender im Sinne der REACH-Verordnung 1907/2006/EC. Unsere Pflichten sind im Titel IV, Artikel 31 bis 36, „Informationen entlang der Lieferkette“ und im Titel V, Artikel 37 bis 39, „Nachgeschaltete Anwender“ niedergelegt. Wir bestätigen, dass wir diese Pflichten vollständig kennen und gesetzlich verpflichtet sind, sie einzuhalten. Wir bestätigen, dass für die Herstellung unserer Compounds keine Produkte verwendet werden, die in der Kandidatenliste der Europäischen Chemikalienagentur ECHA über besonders besorgniserregenden Stoffe gemäß REACH (Substances of Very High Concern = SVHC, <http://echa.europa.eu/candidate-list-table>), mit Stand des heutigen Tages, aufgeführt sind;

Richtlinie 2011/65/EU des Europäischen Parlamentes und des Rates vom 08. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten (Neufassung, genannt **RoHS2-Richtlinie**);

Die in diesen Richtlinien und Gesetzen genannten Beschränkungen des Inverkehrbringens und der Verwendung gewisser gefährlicher Stoffe und Zubereitungen werden von uns eingehalten. Blei, Cadmium, Quecksilber und deren Verbindungen, Chrom (VI)-Verbindungen, polybromierte Biphenyle (PBB) und polybromierte Diphenylether (PBDE) wie z.B. Pentabromdiphenylether (CAS-Nr. 32534-81-9), Octabromdiphenylether (CAS-Nr. 32536-52-0) und Decabromdiphenylether (CAS-Nr. 1163-19-5) werden zur Herstellung unserer Compounds nicht eingesetzt. Der Gehalt liegt unterhalb der in den oben gelisteten Richtlinien und Gesetzen erwähnten spezifischen Grenzwerte:



Seite 2 zu unserem Schreiben vom 19.05.2017

Blei – 1000 ppm
Quecksilber – 1000 ppm
Cadmium – 100 ppm
Chrom (VI) – 1000 ppm
polybromierte Biphenyle (PBB) – 1000 ppm
polybromierte Diphenylether (PBDE) – 1000 ppm

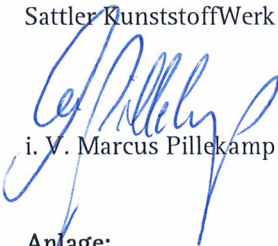
Analytisch nachweisbare Spurengehalte oben genannter Schwermetalle, welche über Einsatz-, Hilfs- oder Betriebsstoffe in unser Produkt gelangen können, sind jedoch nicht auszuschließen.

RoHS Norm IEC 61249-2-21 („Halogenfreiheit“) „für abgedeckte elektrische und elektronische Ausrüstung“


Wir bestätigen weiterhin, dass für die Herstellung unserer Compounds keine brom- und chlorhaltigen Flammschutzmittel verwendet werden. Verfahrensbedingt können in unserem eingefärbten PC Ekalon® V und PC Ekalon® F diese Halogene in geringen Spuren enthalten sein. Nach Definition der **RoHS Norm IEC 61249-2-21** „für abgedeckte elektrische und elektronische Ausrüstung“ bezeichnen wir unsere flammgeschützten PC Ekalon® V und PC Ekalon® F als halogenfrei. Die Grenzwerte von maximal 900 ppm für Chlor und 900 ppm für Brom, gesamt maximal 1500 ppm dieser Halogene, werden nicht erreicht. Die anderen Halogene Fluor, Iod und Astat sind von dieser Norm nicht betroffen.

Für weitere Rückfragen stehen wir Ihnen gerne zur Verfügung.

Mit freundlichen Grüßen
Sattler KunststoffWerk GmbH



i. V. Marcus Pillekamp



i. V. Ulrich Zöllner

Anlage:
Produktaufstellung



OBO Bettermann Hungary Kft.
Alsóráda 2.
2347 Bugyi

Hungary

Datum: 22.05.2017

Erklärung

Produktnummer: Nummernkreis gemäß Anhang I

Einleitung:

Alle Aussagen beziehen sich ausschließlich auf das genannte Produkt. Diese Bestätigung gilt nur für Masterbatch-Anwendung, sie umfasst und schließt den folgenden Fall nicht ein:

- Alle zukünftigen Veränderungen des Produktes durch hinzugefügte Substanzen
- Alle Veränderung des Produktes während der Verarbeitung
- Das Migrationsverhalten des fertigen Produktes (Extraktions-Tests gem. den gültigen Bestimmungen) und das organoleptische Verhalten von verpackten Lebensmitteln.

Da der Hersteller dieses Produktes auf die spätere Verarbeitung keinen Einfluss hat, ist der Verarbeiter selbst gehalten, die entsprechenden Prüfungen praxisnah am Endartikel vorzunehmen.

Bestätigung über Abwesenheit von Substanzen

Hiermit bestätigen wir Ihnen, dass

- die zur Zeit in der gültigen ECHA-Kandidatenliste (Stand 12.01.2017, s. zugehörige Internetseite) aufgeführten Substanzen,
- die in Anhang II der Europäischen Richtlinie 2015/863/EG (Änderung der Richtlinie 2011/65/EG (RoHS)) genannten Substanzen,
- Halogene

kein Bestandteil der oben genannten Rezepturen sind, d. h. diese Verbindungen werden weder als Rohstoff noch als Zusatzstoff zur Produktion der oben genannten Produkte absichtlich zugesetzt. Wir gehen daher davon aus, dass sie nicht enthalten sind, bzw. deren Gehalt unter den geltenden Grenzwerten liegt. Prüfungen zum Gehalt dieser Substanz sind nicht Bestandteil der Spezifikation und werden nicht durchgeführt.

Von uns nicht zu verantwortende Verunreinigungsspuren können nach den allgemein anerkannten Regeln der Technik jedoch nicht ausgeschlossen werden, da derartige Substanzen mittlerweile ubiquitär auf der Erde verteilt sind.

Zusätzliche Informationen

Die Erklärung basiert auf unserem aktuellen Wissensstand. Die Erklärung stellt keine Garantie dar, spezielle Eigenschaften des Produktes zuzusichern. Die Abnehmer oder Verarbeiter sind dafür verantwortlich sicherzustellen, dass die Produkte den Anforderungen der beabsichtigten Anwendung entsprechen. Die oben genannten Erklärungen beziehen sich ausschließlich auf die in den technischen Daten angegebenen Zugabeempfehlungen. Diese Erklärung ersetzt alle vorherigen.

Mit freundlichen Grüßen

color plastic chemie

Albert Schleberger GmbH

i.A. Dipl. Ing. (FH) Gudrun Kloy

Produktnummer: Nummernkreis gemäß Anhang I

Datum: 22.05.2017

Anhang I

Produktnummern zur Erklärung vom 22.05.2017

PA-FK BLAU 374184/PA
FK Braun 308474/FK
FK Schwarz 3011/FK
FK-BRAUN 363507/FK
PA-FK Grau 335621/PA

Product information

REACH EC-Regulation 1907/2006 SVHC – Candidate List of Very High Concern for Authorisation

Based on information from our raw material suppliers, we hereby confirm that the following products respectively product families according to our current delivery programs:

| | | | | |
|-------------------|---------------|---------------|-----------------|-----------------|
| Lignostone® | Durostone® AG | Durostone® UP | Durostone® VE | Durostone® EPGZ |
| Durostone® EPR S3 | Glastherm® HT | Formaterm® | Trovidur® NL | Trovicel® |
| Trovidur® EC-Clad | Trovidur® ET | Trovidur® EA | Trovidur® EPC | Polystone® D |
| Polystone® M | Polystone® P | Polystone® E | Polystone® PVDF | Polystone® G |
| Polystone® ABS | Play-Tec® | LubX® | Matrox® | SUSTAMID |
| SUSTAVACU | SUSTARIN | SUSTADUR | SUSTANAT | SUSTAABS |
| SUSTAPPE | SUSTAPVDF | SUSTAPEEK | SUSTASON | SUSTAPEI |
| SUSTATRON | SUSTAGLIDE | SUSTAKON | | |

do not contain any of the 181 substances stated in the current [candidates' list \(press release ECHA/PR/18/01 dated 15th January 2018\)](#) in a non-conform single concentration of more than 0,1 in percentage of weight.

Should the [candidates' list](#) be changed and substances new listed there be contained with a non-conform percentage in weight in our products, we shall inform you of the same.

Please note: Generally, traces of undesired substances that are ubiquitous in minimal quantities through propagation can never be completely precluded from our products. Moreover, we point out that analytical monitoring of our products for any potential contamination is not the subject of our outgoing inspection.

You will find further information concerning this on our website www.roechling.com and under www.echa.europa.eu.

We will be only too glad to answer any of your queries.

Röchling Engineering Plastics SE & Co. KG

General Manager Quality

Johannes Mohs

Tel. +49 5934 701-218

Fax +49 5934 701-611218

johannes.mohs@roechling-plastics.com

This information was provided by machine and requires therefore no signature.

Advice: This product information serves alone for informative purposes. Warranties, assurances and guarantees cannot be derived from this. All confirmations hitherto herewith lose their validity.



2473350.jpg



2473351.jpg



2473352.jpg



2473430.jpg



2473435.jpg

| OBO Artnr: | E-nr: | Typ | Beteckn. | Beteckning 2 | |
|------------|---------|--------------|-------------------------------|---|--|
| 6109 800 | 2473350 | | KAPSLING TOM | Tom kapsling med upphängsögla och grepp handtag. Utan bestyckning | Skyddsnivå IP44 |
| 6109821 | 2473430 | VH-8 LG8P2 | Uttagscentral VH8 obestyckad | Tom kapsling med upphängsögla och grepp handtag. Utan bestyckning 8 ramar | Tomkapsling med upphängningsögla och grepphandtag för montering av 8 elektriska komponenter, med mellanvägg. Utan täckplattor. |
| 6109822 | 2473435 | VHF-8 LG | Uttagscentral VHF8 obestyckad | Tom kapsling med upphängsögla och grepp handtag. Utan bestyckning IP44 | Med mellanvägg utan täckplattor får våta utrymme |
| 6109802 | 2473351 | VH-4 4SD | KAPSLING MED 4X1-POL 230V | VH4 bestyckad 4x230V. Med upphängning ögla & grepphandtag | Petskyddade uttag. Förkopplad på 2 kretsar. Anslutning via 2x3-polig klämma och med mellanvägg. |
| 6109804 | 2473352 | VH-4 3SD1C16 | KAPSLING M 3X1-P + CEE416 | VH4 bestyckad 3x230V + 1x CEE416-6. Med upphängning ögla & grepphandtag | 230V petskyddade uttag i färdig kopplad krets. Förkopplad på 2 kretsar. Med mellanvägg. |
| | | | | | |
| | | | | | |

Subject: **Application of Regulation no. 1907/2006 (REACH)**

Rev. 8

Dear Customer,

we would like to inform you that all the substances on their own or in preparations for which Marcegaglia Carbon Steel S.p.A. result to be producer or importer have been registered within Nov. 30th, 2010, as foreseen in the CE Regulation NO.1907/06 REACH.

Marcegaglia Carbon Steel S.p.A. result to be responsible for the registration of the following substances/preparations:

- Iron sulphate as producer;
- Iron oxide as producer.

Hereafter, you will find the registration numbers connected to each substance of our responsibility:

| Substance | Registration date | Registration number |
|-----------------|-------------------|-----------------------|
| Iron Sulphate | 22/11/2010 | 01-2119513203-57-0019 |
| Diiron Trioxide | 11/11/2010 | 01-2119457614-35-0044 |

To ensure you with the usual continuity in the supply of our products, we would also inform you that we are in the process of checking that our suppliers have performed the due registration; in case this hasn't occurred, we will substitute the used substances with others honouring all requirements as legally approved. In any case, our supply of products will not be subject to any modification.

With reference to our leading products such as: welded tubes, profiles, cold drawn, coils, strips and carbon steel plates, we underline that they are all included in the definition of article stated in the Regulation (CE) No. 1907/2006 of the European Parliament and of the Council dated December 18th 2006. As per art. 7 "Registration and notification of substances contained in articles", paragraph 1 letter b), such articles are not subject to registration since the substances they may contain are not foreseen to be released under normal or reasonably predictable conditions of use.

We also inform you that all articles produced by Marcegaglia Carbon Steel SpA exclude the presence of SVHC substances listed in the candidate list published by ECHA in concentrations greater than 0.1%, including the substance added with document ECHA ED/21/2016 issued on 2016/06/20.

An updated list of those substances is listed in the ECHA website at:

<http://echa.europa.eu/candidate-list-table>

Gazoldo D.I. 2016/08/29
Kindest Regards

Quality Manager



R. Grigoli

MARCEGAGLIA CARBON STEEL S.p.A. - con socio unico
Sede legale:

via Bresciani, 16 • 46040 Gazoldo degli Ippoliti, Mantova - Italy
phone +39 . 0376 . 685 1 • fax +39 . 0376 685 600

info.carbonsteel@marcegaglia.com • carbonsteel@pec.marcegaglia.com • www.marcegaglia.com

Capitale Sociale Euro 496.118.598,00 i.v. • iscritta nel R.E.A. MN n° 255216

P. IVA - Codice Fiscale e Numero di iscrizione nel Registro delle Imprese 02466220205 • Cod.IVA UE IT 02466220205



Status on REACH at A. Schulman – December 2015

Role of A. Schulman under REACH

Regarding the REACH regulation (Regulation (EC) No 1907/2006) A. Schulman is playing two main roles.

We understand ourselves mainly as a downstream user of European manufacturers and importers of polymers and substances.

In a second role A. Schulman under REACH we are defined as an importer of polymers, polymer mixtures and substances.

Pre-registration

Polymers and polymeric preparations (mixtures like compounds and masterbatches), this means all A. Schulman products, in general under REACH regulation are exempt from the obligation to register.

Therefore all our polymeric products as such do not have to be (pre-)registered and we do not have a (pre-)registration number.

However all substances present in the mixture as well as all building blocks of the polymers (monomers) for our finished products have to be (pre-)registered.

We hereby can confirm that all monomers forming the polymer in an amount $\geq 2\%$ weight by weight and also all relevant substances used in our products have been (pre-)registered by us or our suppliers.

Based upon the information received from our up-stream suppliers and the fact that for security reasons we have pre-registered a small number of substances and monomers ourselves, we can ensure future REACH compliant deliveries. This includes also the products of the Distribution Service.

Registration – Supply Chain Communication

To ensure compliance to the REACH Regulation, A. Schulman has taken the necessary steps either by verifying that our imported volumes are covered by our supplier's Only Representative (according to art 8) or by taking up our responsibility in the relevant SIEF as required.

Our product development process ensures that only raw materials are used for the production of our polymeric products which have been already (pre-)registered by its manufacturer or importer.

A. Schulman, as a member of ETHIC (European Thermoplastics Independent Compounders Association), is actively participating in the Plastics Exposure Scenario Team (PEST).

This team is representing the plastics industry supply chain as it includes the most important associations representing additive manufacturers/importers, compound manufacturers, masterbatch manufacturers, plastics converters and plastics producers.

PEST developed a very detailed mapping between the single downstream process operations and applications and the REACH User Descriptor system as published by ECHA.



The mapping is available on <http://pestpublic.plastics.net/public/> .

If your uses are covered there is no need to contact us on this matter as the identified uses will or have been evaluated by the substance manufacturer.

Further work has been done to generate exposure scenario's for mixtures in an efficient way.

MSDS under REACH

A. Schulman does fully comply with all requirements under REACH concerning SDS (Material Safety Data Sheet).

We are able to provide SDS for all products to our customers who have purchased directly from A. Schulman the specific product. Actual Safety Data Sheets can also be requested from your known contact person in our Customer Service Department.

SVHC under REACH

The Substances of Very High Concern included in the Candidate List (SVHC Candidate List), published by the ECHA (European Chemicals Agency).

A. Schulman does fully comply with all REACH requirements concerning SVHC (e.g. disclosure and communication of SVHC).

Please contact us for our separate updated statement on SVHC or check the most recent Material Safety Data Sheet.

Byggarubedömningen's guideline and information requirements for assessment of product, Version 2016-1.

These guidelines describe what information that Byggarubedömningen requires for assessment of articles and chemical products. Information about the article or chemical product can be provided in this document, alternatively refer to another documentation in which the corresponding information is given.

1. Product information

Product

| | | |
|--|--|--|
| Product name: | EGS VH Uttagsbox | |
| Article No.: <i>Specify the type of number, for example RSK, E number, EAN, GTIN or supplier's article number. This should also be stated on the application.</i> | OBO Artikelnr: 61 09 822 - E 24 734 35 OBO Artikelnr: 61 09 800, 61 09 821, 61 09 820, 61 09 808, 61 09 806, 61 09 804, 61 09 802 | |
| Product description: <i>On application, please attach a product data sheet or similar documentation.</i> | | |
| Type of product: | <input type="checkbox"/> Chemical product | <input checked="" type="checkbox"/> Article |
| Date (year, month, day) of preparation/revision: | 2018.12.18. | |

Supplier/Manufacturer

| | | |
|--|--------------------------------------|--|
| Supplier: | OBO Bettermann Hungary Kft. | |
| Manufacturer if other than the supplier: <i>Voluntary information</i> | | |
| Contact person: | Zsolt Szalay | |
| Address: | Alsóráda 2 Bugyi 2347 Hungary | |
| E-mail: | szalay.zsolt@obo.hu | |
| Phone number: | 0036-1-349-094 | |

Supporting documentation

| | | |
|---|--|---|
| Has a declaration of performance, in line with the Swedish Construction Products Regulation, been prepared for the product? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <i>If yes, attach the declaration of performance with the application</i> | | |
| Is the article/product an electronic product and covered by the RoHS-directive (2011/65/EU)? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <i>If yes, attach an "EU Declaration of Conformity", or alternatively another certificate that attests that the product corresponds to the requirements according to the RoHS-directive (2011/65/EU), together with the application</i> | | |
| If the article/product is an electronic product that is covered by an exemption according to RoHS-directive (2011/65/EU), specify which exemption and date (year, month, day) when the exemption expires if time-limited: | Exemptions according to RoHS: Date: | |

2. Declaration of contents:

Specify the total content of the article or the chemical product, **on delivery**, in Table 1, or alternatively attach other documentation that provides the corresponding information. For instructions, please refer to the "Declaration of contents, BVB's declaration requirements, 2016-1", which is found at the end of this document.

Table 1, Contents of included substances and material (declaration of content in accordance with requirements)

| Included substances and material | EG No./CAS No. (alternatively alloy) | Weight% (of entire product) | When applicable, state for which subcomponent | Weight% (of substance in subcomponent) | Comments (state eventual application of non-harmonized classifications) |
|---|---|--------------------------------|---|---|--|
| See in 10511946_53937_13_10511946_01-4265-reach-substances-very-high-concern-svhc-inquiry.pdf | 9036-19-5 25973-55-1 | | | | |
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| | | |
|--|------------------------------|--|
| Are all substances reported in percentages down to 0.01% in Table 1, alternatively follow the declaration requirements for the level Recommended as described in "Declaration of contents, BVB's declaration requirements, 2016-1, given at the end of this document? <i>(Enables the assessment Recommended)</i> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If not, does the declaration fulfill the instructions for the level Accepted, as described in "Declaration of contents, BVB's declaration requirements, 2016-1", given at the end of this document? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If any deviations from BVB's reporting requirements exist, specify these in the comments in Table 1, or alternatively here. | Other comments: | |

| | | |
|---|------------------------------|--|
| Is the chemical composition different, for the product when applied (cured product) compared to the content at delivery? (applies to chemical products) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If yes, specify the content of the cured product in Table 2. | | |

Table 2, Contents for applied products (full content in accordance with declaration requirements)

| Included substances and material | EG No./CAS No. | Weight% (of the applied product) | Comments (state any application of non-harmonized classifications) |
|----------------------------------|----------------|-------------------------------------|---|
| | | | |
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|---|-----------------|
| If any deviations from BVB's reporting requirements exist, specify these in the comments in Table 2, or alternatively here. | Other comments: |
|---|-----------------|

| | | |
|--|---|-----------------------------|
| Does the product or any of its subcomponents contain substances with particularly hazardous properties | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
|--|---|-----------------------------|

| | | |
|--|-------------------------|--|
| (Substances of Very High Concern, SVHC-substances), which are included in the Candidate List at a concentration above 0.1 weight%? | | |
| <i>If yes, specify which substances in Table 1 together with the rest of the content of the product.</i> | | |
| State the date (year, month, day) for control the Candidate List. | Date: 2018.12.19 | |
| The concentration is calculated at component level established on the principle "once a product, always a product". The Candidate List is available at: http://echa.europa.eu/sv/candidate-list-table . | | |

Nanomaterial

| | | |
|--|------------------------------|---|
| Does the product contain any nanomaterial that has been purposefully added to achieve a specific function? <i>Information regarding whether nanomaterial has been added to achieve a specific function must be stated, but has no impact on the assessment.</i> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <i>If yes, specify the material.</i> | Material: | |

3. Recycled raw material

| | | |
|---|------------------------------|---|
| Does the product contain recycled material? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <i>If yes, specify in Table 3.</i> | | |

If the product consists of recycled materials specify the material and the percentages of the total weight of the product, in *Table 3, Recycled materials*.

Table 3, Recycled material

| Material | Percentage (%) <i>Recycled material of the total product's weight</i> | Percentage (%) <i>of the recycled material that has not reached the consumer level, such as production waste, etc. (pre-consumer)</i> | Percentage (%) <i>of the recycled material that has reached the consumer level (post-consumer)</i> | Comments |
|----------|--|--|---|----------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

If wood raw material is included

| | | |
|--|------------------------------|-----------------------------|
| Can the product be ordered with sustainability certificates for the wood raw material? <i>E.g.: FSC and PEFC</i> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Explain if the certificate does not cover all of the wood raw material: | | |
| <i>If yes, attach a certificate/assurance that the product can be ordered with a sustainability certificate together with the application.</i> | | |
| <i>If no, state the country where the wood raw material was harvested.</i> | Country of harvest: | |
| Is the wood species or origin in the CITES appendix for endangered species? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

4. The production phase

| | | |
|---|------------------------------|---|
| Has an Environmental Product Declaration (EPD) been prepared? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| <i>If yes, enclose the EPD (Environmental Product Declaration) or other environmental product declaration together with the application.</i> | | |
| Has an active choice been made, regarding the electricity supplier, in order to promote electricity production from renewable energy sources? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied, electricity supplier, and for which part of the production it is valid for: | | |

5. Distribution of the completed product

| | | |
|--|--|--|
| Describe the management of packaging for the distribution of the product <i>State whether any system for taking back or recycling packaging or any other specific return system is used.</i> <i>Specify the packaging material used and which system of producer responsibility for packaging the supplier is affiliated to.</i> <i>Enter the proportion of recycled material, if any, included in the packaging.</i> | Description of the packaging: Corrugated cardboard boxes | |
| Other information: | | |

6. Construction and usage phase

| | | | |
|--|------------------------------|---|---|
| Are there any special requirements such as storage conditions etc. for the product during storage? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| <i>If yes, describe:</i> | | | |
| Are there any special requirements for adjacent building products because of this product? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| <i>If yes, describe:</i> | | | |
| Are there any operating/care instructions for the product? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| <i>If yes, attach the documentation with the application.</i> | | | |
| Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Not relevant |
| <i>If yes, state class (G to A, A+, A++, A+++):</i> | Class: | | |

7. Waste management

| | | |
|---|------------------------------|-------------|
| Does the product require special measures to protect health and the environment in conjunction with demolition/dismantling? | <input type="checkbox"/> Yes | X No |
| <i>If yes, describe:</i> | | |
| Is the product covered by the WEEE-directive 2012/19/EU (Swedish ordinance (2014:1075) on Producer Responsibility for electrical and electronic products when it becomes waste? | <input type="checkbox"/> Yes | X No |
| Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)? | <input type="checkbox"/> Yes | X No |
| <i>If yes, describe:</i> | | |
| Is material recycling possible for all or parts of the product when it becomes waste? | <input type="checkbox"/> Yes | X No |
| <i>If yes, describe:</i> | | |
| Is energy recycling possible for all or parts of the product when it becomes waste? | <input type="checkbox"/> Yes | X No |
| Does the supplier have any restrictions and recommendations for reuse, material- or energy recycling or disposal? | <input type="checkbox"/> Yes | X No |
| <i>If yes, specify which:</i> | | |
| When the supplied product becomes waste, is it classified as hazardous waste? | <input type="checkbox"/> Yes | X No |
| <i>If yes, specify the waste code:</i> The Swedish waste ordinance (2011:927) https://www.notisum.se/rnp/sls/lag/20110927.htm | Waste code: | |

8. Indoor environment

| | | |
|--|------------------------------|-----------------------------|
| Has the product a critical moisture condition: <i>Information regarding whether critical moisture conditions leading to microbial growth apply for the material/product should be stated, but will not impact the assessment.</i> | <input type="checkbox"/> Yes | X No |
| <i>If yes, specify which:</i> | | |
| Is the article (or chemical product) intended for indoor use? | X Yes | <input type="checkbox"/> No |
| <i>If yes, has emission data been produced for volatile organic compounds?</i> | <input type="checkbox"/> Yes | X No |
| <i>If yes, attach the report/certificate together with the application.</i> | | |
| <i>If no, is there any motivation for why emission data for volatile organic compounds is not relevant for the product?</i> | Motivation: | |

Certificate of substance content and concentrations version. 4.0

This certificate is required for the Recommended assessment level for chemical contents. This page should be printed to be signed and uploaded separately in PDF-format in connection with the application.

Certificate of declaration of substance content

| | |
|--|--|
| For the products specified below, with their stated article numbers, the following is certified: <i>Choose whether to certify alternative A or B.</i> | |
| A <input type="checkbox"/> | It is hereby certified that concentrations of the included substances down to 0.01 weight% have been reported, and that cadmium and mercury do not occur in the product. or: The substances included are reported in line with the instructions for the Declaration of Contents, BVB's reporting requirements 2016-1, and correspond to the reporting requirements for the Recommended level. |
| B <input type="checkbox"/> | It is hereby certified that concentrations of the included substances down to 0.1 weight% have been reported, and that cadmium and mercury do not occur in the product. or: The substances included are reported in line with the instructions for the Declaration of Contents, BVB's reporting requirements 2016-1, and correspond to the reporting requirements for the Accepted level. |
| For the products specified below, with their stated article numbers, the following is certified: <i>Choose whether to certify alternative C or D.</i> | |
| C <input type="checkbox"/> | It is hereby certified that the specified product/s do not contain specifically indicated substances and groups of substances in accordance with Table 4, Specifically indicated substances. These have not been added during production and have not been formed through reactions between the substances in the product. |
| D <input type="checkbox"/> | Unfortunately, we have to notify that the specified products contain specifically indicated substances in accordance with Table 4, Specifically indicated substances. Some of these substances have been added or been formed during reaction between the substances in the product, please see the Declaration of Contents. |

Table 4, Specifically indicated substances

| Substance group/Substance | Examples of properties |
|--|--|
| 1. Arsenic and its compounds ¹ | Toxic, Environmentally hazardous |
| 2. Brominated flame retardants | Potentially PBT/vPvB, PBT/vPvB |
| 3. PFOA (perfluorooctanoic acid) | Persistent, bioaccumulative, probable reproductive toxicity |
| 4. PFOS (perfluorooctanesulfonates) | Potentially PBT/vPvB, PBT/vPvB |
| 5. Organotin compounds | Potentially PBT/vPvB, PBT/vPvB, Toxic, Environmentally hazardous |
| 6. Biocidal product applied on products (surface treatments) to provide a disinfectant or anti-bacterial effect. | Toxic, Environmentally hazardous |

¹ Arsenic, or arsenic compounds, are not permitted to be added to the product. Contamination of used raw materials is not permitted to exceed 10 mg/kg. The concentration limit is set based on regulatory requirements for soil quality to ensure that accepted products do not raise background concentrations through their use or disposal (for example; sludge from sewage treatment works Swedish Ordinance 1998:944, Section 20). The same concentration limits are found in the Swedish Environmental Protection Agency's general guidelines for less sensitive land use (MKM).

| | |
|---|--|
| <i>Product identification: (designation and article number)</i> | <i>OBO Artikelnr: 61 09 822 - E 24 734 35 OBO Artikelnr: 61 09 800, 61 09 821, 61 09 820, 61 09 808, 61 09 806, 61 09 804, 61 09 802</i> |
| <i>State the reference document (name and version/date) that contains the actual Declaration of Contents:</i> | |
| <i>Person responsible for the declaration:</i> | Zsolt Szalay |
| <i>Signature:</i> | Zsolt Szalay |
| <i>Place and date (year, month, day):</i> | Bugyi, Hungary, 2018-12-19 |

Declaration of contents, BVB's declaration requirements, 2016-1

A complete declaration of contents in accordance with the instructions should be made for both products and chemical products. For products, concentrations have to be reported as a weight% for the entire product as minimum. The contents can be provided in other documentation, if the reporting instructions are complied with, or alternatively supplemented so that they are in compliance. Reporting requirements for the Accepted level correspond to the requirements for "e-BVD2015".

For the Accepted and Recommended levels, classified substances are needed to be reported in the documentation if concentrations exceed limits (weight%) in accordance with *Table 5, Classified substances*. Those substances that are not included in Table 5 must be reported when concentrations of $\geq 2\%$ occur.

Material and substance contains can be provided in intervals. Examples of accepted intervals are: $\leq 1\%$, 1-2.5%, 2.5-10%, 10-25%, 25-50%, 50-75%, 75-100%. In occasion of large intervals, state the reason for the variance and describe what materials/substances increase or decrease in proportion if the product, for example, comes in different sizes.

If classification is applied that is not covered by harmonized classification, this information requires to be reported in the comments column for that substance.

Table 5, Classified substances

| Hazard class | Reporting limit | |
|--|---|----------------|
| | Accepted | Recommended |
| Carcinogenic categories 1A and 1B (H350) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Carcinogenic category 2 (H351) | $\geq 1\%$ | $\geq 0.1\%$ |
| Mutagenic categories 1A and 1B (H340) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Mutagenic category 2 (H341) | $\geq 1\%$ | $\geq 0.1\%$ |
| Reproductive toxicity, categories 1A and 1B (H360) | $\geq 0.3\%$ | $\geq 0.03\%$ |
| Reproductive toxicity, category 2 (H361) | $\geq 2\%$ | $\geq 0.3\%$ |
| Reproductive toxicity effects on or through breastfeeding (H362) | $\geq 0.3\%$ | $\geq 0.03\%$ |
| Endocrine disruptors ^{1, 2} | $\geq 0.1\%$ | $\geq 0.01\%$ |
| PBT and/or vPvB ³ | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Skin sensitizers (H317) | $\geq 1\%$ | $\geq 0.1\%$ |
| Respiratory sensitizers (H334) | $\geq 0.2\%$ | $\geq 0.02\%$ |
| Hazardous to aquatic environments, chronic category 1 (H410) | $\geq 2\%$ | $\geq 0.25\%$ |
| Ozone depleting substances (EUH 059 and H420) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Acute toxicity category 1 (H300, H310, H330, H301, H311 and/or H331) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Acute toxicity category 2 (H300, H310, H330, H301, H311 and/or H331) | $\geq 1\%$ | $\geq 0.1\%$ |
| Acute toxicity category 3 (H300, H310, H330, H301, H311 and/or H331) | $\geq 2\%$ | $\geq 1\%$ |
| Pure or compounds of cadmium (Cd) | $\geq 0.01\%$ | $\geq 0.001\%$ |
| Pure or compounds of lead (Pb) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Pure or compounds of mercury (Hg) | Contamination ≥ 2.5 mg/kg (ppm) of active additives must always be reported. | |
| ¹ Endocrine disruptors (EDS list) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| ² Endocrine disruptors (SIN list) | | $\geq 0.01\%$ |
| ³ PBT, vPvB (SIN list) | $\geq 0.1\%$ | $\geq 0.01\%$ |
| Candidate List | $\geq 0.1\%^*$ | $\geq 0.01\%$ |
| Other classifications or unclassified substances and material | $\geq 2\%$ | $\geq 2\%$ |

*Substances on the Candidate List have to be reported at component level.

Descriptions of material

Substances should be reported with their CAS- or EC number. Exemptions for certain material can be performed in accordance with the following instructions.

Metals should always be reported together with their alloy number. Alternatively, substances comprising more than 0.01% of the alloy has to be specified in the documentation.

Plastics and rubber materials should be reported together with their name so that it is clearly which monomers that are included, for example, acrylonitrile butadiene styrene (ABS), polyethylene (PE), etc. Additives that have not formed polymers should always be reported in accordance with requirements specified above (for example pigments, plasticizers, stabilizers, etc.).

Plastics/polymers with descriptions in line with the following list are accepted without specification of monomers.

- Polycarbonate (pertains to bisphenol A based polycarbonates)
- Polyester (monomers must be specified for halogenated polyesters)
- Polyurethane (monomers must be specified for halogenated polyurethanes)
- Fiberglass reinforced epoxy resin laminates FR4 (pertains to tetrabromobisphenol A based polymers)
- MS-polymer (refers to silane modified polyether)

Note that if the plastic/polymer contains additives (such as pigments, plasticizers, stabilizers, etc.), they shall always be reported in accordance with the declaration requirements.

Other materials with the following descriptions are accepted without clarification or detailed description of their components as the materials normally consist of:

- Glass (any content of lead needs to be reported for the assessment level recommended, e.g. relevant for recycled glass)
- Concrete (polymers included in the concrete are reported separately)

Examples of designations of plastics/polymers and other material descriptions that require further clarification are:

- Polymer dispersion
- Copolymer
- Thermoplastic elastomers (TPE)
- Thermoplastics
- MS polymers
- Mineral fillers
- Silanes: The type of polymer needs to be given, e.g. if it refers to a silane/silyl modified polyether or polyurethane.
- PVC: for contents above 2%, plasticizers always needs to be given with CAS no. Concentration of plasticizers below 2%, needs to be declared according to declaration requirements specified in Table 5. If no plasticizer is declared, the reason for that needs to be given.
- EPDM and SBR rubber: for levels above 2%, mineral/paraffin oil always needs to be given with CAS no. As an alternative, the maximal PAH content in the material can be given. For products intended to be used in contact with skin, the maximum content of PAH content shall be reported.
- The PAH content in the material needs to be reported for the assessment level recommended when asphalt/bitumen is present above 10% in the product.

For complex products, references to subcomponents which are assessed in BVB 's systems with a specified BVB ID, can be used.