Building product declaration 2015

according to BPD associations' standardised format eBVD2015

Lindab mastic acryl

1. BASIC DATA

Document data

Id:

A-7300009-00795-0-29

Version:

2

Created:

2017-08-30 13:38:21

Last saved:

2017-08-30 13:42:22

Changes relates to:

Information about emissions

Lindab mastic acryl

Article name:

Lindab mastic acryl

Article No/ID concept

Article identity: GTIN

Mastic

Product group/Product group classification

Product group system	Product group id
BK04	01703
BSAB96	Z

Article description:

Lindab Mastic Acryl is a plasto-elastic phthalate-free water based acrylic sealant. It cures by evaporation of water and creates a joint with a movement capacity of +/- 15%. The product is used for sealing around doors and windows, and for filling cracks, board joints, tube passages etc. The sealant is also suitable for acoustic joints.
Assessments at Byggvarubedömningen etc. are registered under the name "Lindab Mastic Acryl". It is also possible to use the article name as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

Lindab Sverige AB

Company name:

Lindab Sverige AB

Organisation number:

556247-2273

Address:

Contact person:

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Environmental certification system

- [x] BREEAM
- [x] BREEAM-SE
- [x] LEED 2009
- [x] LEED version 4
- [x] Miljöbyggnad (Swedish certifica

Annexes

Annex
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/Lindab_Mastic_Acryl_
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/EMICODE_Test_Repo

2. SUSTAINABILITY WORK

Company's certification

- [x] ISO 9001
- [x] ISO 14001

Other:

Policies and guidelines

- [x] The company has a code of conduct/policy/guidelines for dealing with social responsibility in the supplier chain, including produces for ensuring the requirements
- [ ] This is third-party audited

If yes, which if the following guidelines have you affiliated to or management system you have implemented

- [ ] UN guiding principles for companies and human rights
- [ ] ILO's eight core conventions
- [ ] OECD Guidelines for Multinational Enterprises
- [x] UN Global Compact
- [x] ISO 26000

Other policy guidelines

Management system

If you have a management system for corporate social responsibility, what out of the following is included in the work?

- [x] Mapping
- [x] Risk analysis
- [ ] Action plan
- [ ] Monitoring

Sustainability reporting guidelines:

GRI - Global Reporting Initiative

3. DECLARATION OF CONTENTS

Chemical content

Enter chemical content for the whole article. The concentration is calculated at component level according to the principle of “once an article always an article”.

Is there a safety data sheet for the article?

Yes

Is there classification of the article?

No

Enter which version of the candidate list has been used (Year, month, day)

2017-03-01

For complex products, the concentration of included substances has been calculated at:

whole construction product

The article is covered by the RoHS Directive:

No

Enter the weight of the article:

Enter how large a proportion of the material content has been declared [%]:

100

If the article contains nanomaterials deliberately added to obtain a particular function, enter these here:

The product does not contain deliberately added nanomaterial

Is the article registered in Basta?

Yes

Enter the proportion of volatile organic substances [g/litre], applies only to sealants, paints, varnishes and adhesives:

Other information:

Article and/or sub-components

Phase	Component	Material	Substance
Delivery	1,2-propanediol		Oil

Concentration interval	EG	CAS	Alternative designation
0<x<1		57-55-6	

Comment

VOC, Boiling point >188 ºC

☐ Substance on candidate ☐ Substance with phasing-out prope

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	5-chloro-2-methyl-2H-isothiazol-3-on		5-chloro-2-methyl-2H-isothiazol-3-one a

Concentration interval	EG	CAS	Alternative designation
<0.0015		55965-84-9	

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

Preservative EC50: 0.001-0.01 mg/l

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Acrylate polymer		Acrylate polymer

Concentration interval	EG	CAS	Alternative designation
15<x<25			-

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Acrylic ester		Acrylic ester

Concentration interval	EG	CAS	Alternative designation
<0.05			-

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

Residual monomer VOC

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Mineral filler		Limestone

Concentration interval	EG	CAS	Alternative designation
50<x<75		1317-65-3	

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Pigment		

Concentration interval	EG	CAS	Alternative designation
0<x<5			-

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

Confidential

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Softener (benzoates)		1,2-cyclohexane dicarboxylic acid diison

Concentration interval	EG	CAS	Alternative designation
1<x<5		166412-78-8	

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

Boiling point >250 ºC

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Styrene		Styrene

Concentration interval	EG	CAS	Alternative designation
<0.05		100-42-5	

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

Residual monomer VOC

H-phrases

H226 - Flam. Liq. 3, H315 - Skin Irrit. 2, H319 - Eye Irrit. 2, H332 - Acute Tox. 4, H361d - Repr. 2, H372 - STOT RE 1

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Tenside (not APEO)		Tenside (not APEO)

Concentration interval	EG	CAS	Alternative designation
0.1<x<1			-

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

EC50: >1 mg/l

H-phrases

Exposure routes/organ

Phase	Component	Material	Substance
Delivery	Water		Water

Concentration interval	EG	CAS	Alternative designation
10<x<25		7732-18-5	

Comment ☐ Substance on candidate ☐ Substance with phasing-out prope

H-phrases

Exposure routes/organ

4. RAW MATERIALS

Raw materials

Total recycled material in the article

☐ Is recycled material included in the article?

Renewable material

Enter proportion of renewable material in the article (short cycle, less than 10 years):

0

Enter proportion of renewable material in the article (long cycle, more than 10 years):

0

☐ Included biobased raw material is tested according to ASTM test method D6866:

Is there supporting documentation for the raw materials for third-party certified system for control of origin, raw material extraction, manufacturing or recycling processes or similar (for example BES 6001:2008, EMS certificate, USGBC Program)? If yes, enter system(s):

Wood raw materials

☐ Wood raw materials are included

☐ Included wood raw material is certified

How large a proportion is certified [%]?

What certification system has been used (for example FSC, CSA, SFI with CoC, PEFC)?

Reference number:

Enter logging country for the wood raw material and that following criteria have been met. Country of logging:

☐ Does not contain type of wood or origin in CITES appendix of endangered species

☐ The timber has been logged legally and there is certification for this

5. ENVIRONMENTAL IMPACT

Environmental impact during life cycle of the article, production phase module A1-A3 under EN

☐ Has environmental product declaration been drawn up according to EN 15804 or ISO 14025 for the article?

These product-specific rules, known as PCR, have been applied:

Registration number / ID number for EPD:

Climate impact (GWP100) [kg CO2-eq]:

Ozone depletion (ODP) [kg CFC 11-eq]:

Acidification (AP) [kg SO2-eq]:

Ground-level ozone (POCP) [kg ethene-eq]:

Eutrophication (EP) [kg (PO4)-3-eq]:

Renewable energy [MJ]:

Non-renewable energy [MJ]:

If calculation has been made in Green Guide, enter which rating:

If there is environmental product declaration or other life cycle assessment, describe how the environmental impact of the article is taken into account from a life cycle perspective:

Country of final manufacture: EU

6. DISTRIBUTION

Distribution of finished article

Does the supplier use Retursystem Byggpall?

Yes

Does the supplier apply any system with multiple-use packaging for the article?

No

Does the supplier take back packaging for the article?

No

Is the supplier affiliated to a system for product responsibility for packaging?

Yes

If yes, which packaging and which system?

Förpacknings & Tidningsinsamlingen

Other information:

If possible products are packed together. The packaging materials include wood, cardboard, and plastic wrap. Wooden pallets are being reused.
All packaging consists of recyclable material, the cardboard Lindab uses for packaging consist of 97,5% recycled material.
Shipments of manufactured goods are mainly transported by truck to the customer/branch. The average transporting distance is <500 km.

7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Yes

Specify

The product is to be stored frost free, inaccessible to children and in well-sealed containers.
Opened containers must be resealed and stored upright to prevent leakage.

Does the article make special requirements for surrounding building products?

Yes

Specify

See safety data sheet

Other information:

8. USE PHASE

Use phase

Does the article make requirements for input materials for operation and maintenance?

No

Specify:

Does the article require supply of energy during operation?

No

Specify:

Estimated technical service life for the article:

25-50 years

Comment:

The real service life is completely dependent on the unique situation that prevails for the unique application. Circumstances such as, for example, surface, pre-treatment, application procedure, application circumstances, wear and ambient environment (e.g. temp. humidity, wind, sun, etc.) can affect the material; thus, the service life varies a great deal.

Is there energy labelling under the Energy Labelling Directive (2010/30/EU) for the article?

Not applicable

If yes, enter labelling (G to A, A+, A++, A+++):

Other information:

9. DEMOLITION

Demolition

Is the article prepared for disassembly (dismantling)?

Not applicable

Specify:

Does the article require special measures for protection of health and environment in demolition/disassembly?

No

Specify:

Other information:

10. WASTE MANAGEMENT

Delivered article

Is the supplied article covered by the Ordinance (2014:1075) on producer responsibility for electrical and electronic products when it becomes waste?

No

Is reuse possible for the whole or parts of the article when it becomes waste?

Not applicable

Specify:

Is material recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Plastic material can be recycled.

Is energy recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Plastic material can be energy recycled.

Does the supplier have restrictions and recommendation for re-use, material or energy recovery or landfilling?

Yes

Specify:

Energy recovery via incineration in plant with flue-gas treatment.

Waste code for the delivered article when it becomes waste
080410 - 10 Annat lim och annan fogmassa än som anges i 08 04 09.

When the supplied article becomes waste, is it classified as hazardous waste?

No

Mounted article

Is the mounted article classified as hazardous waste?

No

Other information

11. INDOOR ENVIRONMENT

Indoor environment

- [ ] The article is not intended for indoor use
- [ ] The article does not produce any emissions
- [ ] Emissions from the article not measured

Does the article have a critical moisture state?

No

If yes, state what:

Noise

Can the article give rise to own noise?

No

Value:

Unit:

Measuring method:

Electrical field

Can the article give rise to electrical fields?

No

Value:

Unit:

Measuring method:

Magnetic fields

Can the article give rise to magnetic fields?

No

Value:

Unit:

Measuring method:

Paints and varnishes

- [ ] The article is resistant to fungi and algae in use in wet areas

Emissions

The article produces the following emissions in intended use:

Type of emission:

TVOC

Measuring point 1:

Measuring method/standard:

GEV Method EC 1 Plus

Result:

<750 µg/m3

Measuring interval:

3 days

Measuring point 2:

Measuring method/standard:

GEV Method EC 1 Plus

Result:

<60 µg/m3

Measuring interval:

28 days

Type of emission:

TSVOC

Measuring point 1:

Measuring method/standard:

GEV Method EC 1 Plus

Result:	Measuring interval:
<5 µg/m3	28 days

Measuring point 2:

Measuring method/standard:

Result:	Measuring interval:

Other information

The tested product complies with the requirements of GEV and the result corresponds to the EMICODE emission class EC 1 PLUS.
For more information see attached the test report.