

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

KABRIC Floor Smooth Prepare Comp B

Product no.

-

REACH registration number

Not applicable

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Paint

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Flügger Denmark A/S
Islevdalvej 151
DK-2610 Rødovre
Tlf. +45 70 15 15 05
www.detalecph.com

Contact person**E-mail**

hello@detalecph.com

SDS date

2021-07-08

SDS Version

2.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute Tox. 4; H302
Skin Corr. 1B; H314
Skin Sens. 1; H317
Eye Dam. 1; H318
Aquatic Acute 1; H400
Aquatic Chronic 1; H410
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)**Signal word**

Danger

Hazard statement(s)

- Harmful if swallowed. (H302)
- Causes severe skin burns and eye damage. (H314)
- May cause an allergic skin reaction. (H317)
- Very toxic to aquatic life with long lasting effects. (H410)

▼Precautionary statements

- General** If medical advice is needed, have product container or label at hand. (P101).
Keep out of reach of children. (P102).
- Prevention** Avoid release to the environment. (P273).
Wear protective gloves/protective clothing/eye protection/face protection. (P280).
- Response** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. (P303+P361+P353).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).
Immediately call a POISON CENTER/doctor. (P310).
- Storage** -
- Disposal** Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

Fatty acids, talloil, reaction products with bisphenol A; Benzyl alcohol; 2,4,6-tris(dimethylaminomethyl)phenol; N,N-dimethyl-1,3-diaminopropane; 3-Aminopropyltriethoxysilane

Additional labelling

Contains epoxy constituents. May produce an allergic reaction. (EUH205)

Unique formula identifier (UFI)

-

2.3. Other hazards

When mixing two components, consult the safety data sheets for both components.

Additional warnings

Tactile warning. If this product is sold in retail, it must be delivered with child-resistant fastening.

▼VOC (volatile organic compound)

VOC-Max: 470 g/l, MAXIMUM VOC CONTENT (A/j (SB)): 500 g/l.

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Fatty acids, talloil, reaction products with bisphenol A
IDENTIFICATION NOS.:	CAS-no: 186321-96-0 REACH-no: 01-2119983521-35
CONTENT:	50-65%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 H315, H317, H318, H400, H410 (M-acute = 1) (M-chronic = 1)
NOTE:	E
NAME:	Benzyl alcohol
IDENTIFICATION NOS.:	CAS-no: 100-51-6 EC-no: 202-859-9 REACH-no: 01-2119492630-38 Index-no: 603-057-00-5
CONTENT:	20-30%
CLP CLASSIFICATION:	Acute Tox. 4, Eye Irrit. 2, Acute Tox. 4 H302, H319, H332
NAME:	2,4,6-tris(dimethylaminomethyl)phenol
IDENTIFICATION NOS.:	CAS-no: 90-72-2 EC-no: 202-013-9 REACH-no: 01-2119560597-27
CONTENT:	10 - <20%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2 H302, H315, H319
NAME:	N,N-dimethyl-1,3-diaminopropane
IDENTIFICATION NOS.:	CAS-no: 109-55-7 EC-no: 203-680-9 REACH-no: 01-2119486842-27
CONTENT:	<5%
CLP CLASSIFICATION:	Flam. Liq. 3, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Eye Dam. 1, STOT SE 3 H226, H302, H314, H317, H318, H335
NAME:	3-Aminopropyltriethoxysilane
IDENTIFICATION NOS.:	CAS-no: 919-30-2 EC-no: 213-048-4
CONTENT:	<1%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Eye Dam. 1 H302, H314, H317, H318

According to EC-Regulation 2015/830

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.
E = Epoxy monomer

Other information

ATEmix(inhale, vapour) > 20
ATEmix(oral) = 869,568 - 1304,352
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 16,8536 - 25,2804
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 10,576 - 15,864
N chronic (CAT 1) Sum = Sum(Ci/(M(chronic)*25)) = 1,8304 - 2,7456
N acute (CAT 1) Sum = Sum(Ci/M(acute)*25) = 1,8304 - 2,7456

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

Ingestion

In the case of ingestion, contact a doctor immediately and bring the safety data sheet or label. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down to prevent vomit returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable

4.2. Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Nitrogen oxides. Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances. Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Individuals suffering from eczema and individuals with excessively sweaty palms (hyperhidrosis manuum) should not work with the product.

Do not smoke, eat or drink in the working premises. Special working clothes must not be worn during meal breaks. Eye wash equipment must be available. Wash hands before breaks, before using restroom facilities and at the end of work. The work should be organized and performed in such a way that skin contact is avoided. Use means of protection till the product is fully cured.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

Store frost-free.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

DNEL / PNEC

DNEL (Fatty acids, talloil, reaction products with bisphenol A): 7,05 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects

DNEL (Fatty acids, talloil, reaction products with bisphenol A): 1 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects

DNEL (2,4,6-tris(dimethylaminomethyl)phenol): 150 µg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects

DNEL (2,4,6-tris(dimethylaminomethyl)phenol): 0,53 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects

DNEL (N,N-dimethyl-1,3-diaminopropane): 1,2 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects

DNEL (N,N-dimethyl-1,3-diaminopropane): 1,2 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects

According to EC-Regulation 2015/830

PNEC (Fatty acids, talloil, reaction products with bisphenol A): 0,186 µg/l
 Exposure: Freshwater
 PNEC (Fatty acids, talloil, reaction products with bisphenol A): 0,019 µg/l
 Exposure: Marine water
 PNEC (Fatty acids, talloil, reaction products with bisphenol A): 1,58 mg/l
 Exposure: Sewage Treatment Plant
 PNEC (Fatty acids, talloil, reaction products with bisphenol A): 0,005 mg/kg
 Exposure: Freshwater sediment
 PNEC (Fatty acids, talloil, reaction products with bisphenol A): 0,0005 mg/kg
 Exposure: Marine water sediment
 PNEC (Fatty acids, talloil, reaction products with bisphenol A): 11,1 mg/kg dw
 Exposure: Soil

PNEC (2,4,6-tris(dimethylaminomethyl)phenol): 0,084 mg/l
 Exposure: Freshwater

PNEC (N,N-dimethyl-1,3-diaminopropane): 0,073 mg/l
 Exposure: Freshwater
 PNEC (N,N-dimethyl-1,3-diaminopropane): 0,34 mg/l
 Exposure: Intermittent release
 PNEC (N,N-dimethyl-1,3-diaminopropane): 0,007 mg/l
 Exposure: Marine water
 PNEC (N,N-dimethyl-1,3-diaminopropane): 0,073 mg/kg dw
 Exposure: Marine water sediment
 PNEC (N,N-dimethyl-1,3-diaminopropane): 0,735 mg/kg dw
 Exposure: Freshwater sediment
 PNEC (N,N-dimethyl-1,3-diaminopropane): 69,5 mg/l
 Exposure: Sewage Treatment Plant
 PNEC (N,N-dimethyl-1,3-diaminopropane): 0,104 mg/kg dw
 Exposure: Soil

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Observe general occupational hygiene standards.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

Dust, which is unhealthy, is produced when treated surfaces are grinded. Use respiratory protection if necessary (P2, EN 143).

Skin protection

Recommended: Dedicated work clothing should be worn.

Hand protection

Recommended: Nitrile rubber (EN 374)

Breakthrough time: See the manufacturer's instructions.

Eye protection

Recommended: Wear safety glasses with side shields. (EN 166)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Brown
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	<11,5
Viscosity (40°C)	No data available.
Density (g/cm ³)	1,01

▼ Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

Data on fire and explosion hazards

Flash point (°C)	76
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
Blandingsforhold	Komp. A 6,5kg / Komp. B 3,5kg

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Hardening time at 15 °C: 5-7 days.

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Nothing special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

SECTION 12: Ecological information

12.1. Toxicity

Substance: Fatty acids, talloil, reaction products with bisphenol A

Species: Selenastrum capricornutum

Test: ErC50

Duration: 72h

Result: 0,186 mg/l

12.2. Persistence and degradability

Substance

N,N-dimethyl-1,3-diaminopropan...

Fatty acids, talloil, reaction...

Biodegradability

Yes

No

Test

Closed Bottle Test

Closed Bottle Test

Result

65

9%

12.3. Bioaccumulative potential

Substance

N,N-dimethyl-1,3-diaminopropan...

Fatty acids, talloil, reaction...

Potential bioaccumulation

No

Yes

LogPow

-0,352

3,38

BCF

3,16

No data available

12.4. Mobility in soil

N,N-dimethyl-1,3-diaminopropan...: Log Koc= -0,2003488, Calculated from LogPow ().

Fatty acids, talloil, reaction...: Log Koc= 2,755022, Calculated from LogPow (Moderate mobility potential.).

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

This product contains substances with the potential of bioaccumulation resulting in the risk of accumulation in the food chain. Bioaccumulative substances are concentrated in adipose tissue and are not easily secreted.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste

EWC code

08 01 11*

waste paint and varnish containing organic solvents or other dangerous substances

Specific labelling

Not applicable

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

▼ **ADR/RID**

14.1. UN number	2735
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	8
14.4. Packing group	III
Notes	-
Tunnel restriction code	E

IMDG

UN-no.	2735
Proper Shipping Name	-
Class	8
PG*	III
EmS	F-A, S-B
MP**	No
Hazardous constituent	-

IATA/ICAO

UN-no.	2735
Proper Shipping Name	-
Class	8
PG*	III

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

Use of this product requires dedicated training in work with polyurethane and epoxy products.

Additional information

Not applicable

Seveso

Seveso III Part 1: E1

Biocidal reg. no.

Not applicable

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
 Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
 Regulation (EC) 1907/2006 (REACH).
 The Control of Major Accident Hazards (COMAH) Regulations 2015.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

- H226 - Flammable liquid and vapour.
- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H332 - Harmful if inhaled.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

-

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

ELGR

Date of last essential change

(First cipher in SDS version)

2021-03-11(1.0)

Date of last minor change

(Last cipher in SDS version)

2021-03-11