

SAFETY DATA SHEET

505-xxx B3 Beskyt Dit Træ Halvdækkende

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Trade name

505-xxx B3 Beskyt Dit Træ Halvdækkende

- 1.2. Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses of the substance or mixture
 - Industrial purposes
 - Uses advised against
 - None known.
- 1.3. Details of the supplier of the safety data sheet

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Company and address
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E-mail

mij@bj.dk Revision

11/14/2022 SDS Version

1.0

1.4. Emergency telephone number Contact the poison hotline: +45 82 12 12 12 (24 hour service) See section 4 "First aid measures".

SECTION 2: Hazards identification

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2.1. Classification of the substance or mixture
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Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

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2.2. Label elements

Hazard pictogram(s)
Signal word
Not applicable.
Hazard statement(s)
Harmful to aquatic life with long lasting effects. (H412)

Safety statement(s)

General
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

-
Storage
-
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Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)



Hazardous substances

None known.

Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.

EUH208, Contains 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate ,

Hydroxyphenylbenzotriazol-derivatives. May produce an allergic reaction.

This paint contains a biocidal product for the preservation of the dry film.

VOC

VOC content: 396 g/L

MAXIMUM VOC CONTENT (Phase II, category A/e (SB): 400 g/L)

2.3. Other hazards

Additional warnings

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

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, <2% aromatics	CAS No.: EC No.: 918-481-9 REACH: 01-2119457273-39 Index No.:	40-60%	Asp. Tox. 1, H304	
Hydroxyphenylbenzotriazol- derivatives	CAS No.: 104810-48-2 EC No.: 400-830-7 REACH: 01-0000015075-76-0017 Index No.: 607-176-00-3	<1%	Skin Sens. 1, H317 Aquatic Chronic 2, H411	
3-iodo-2-propynyl butylcarbamate 3-iodoprop-2- yn-1-yl butylcarbamate	CAS No.: 55406-53-6 EC No.: 259-627-5 REACH: Index No.: 616-212-00-7	<1%	Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	
2- ethylhexanoic,acid,zirconium, salt	CAS No.: 22464-99-9 EC No.: 245-018-1 REACH: Index No.:	<1%	Repr. 2, H361fd	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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. 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

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.



Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable.

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

This product contains substances that may trigger an allergic reaction in already sensitized persons.

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

None known.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. 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 No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Recommended storage material

Always store in containers of the same material as the original container.



Fire class

In accordance with the statutory order on flammable liquids the product is classified as a liquid of class III, subclass 2 (1 storage unit = 50 liter).

Storage temperature

No specific requirements

Incompatible materials

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

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

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

2-ethylhexanoic,acid,zirconium,salt

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	3,25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	6,49 mg/m3
Long term – Systemic effects - General population	Inhalation	8,13 mg/m3
Long term – Systemic effects - Workers	Inhalation	32,97 mg/m3
Long term – Systemic effects - General population	Oral	4,51 mg/kg bw/day

PNEC

3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate

Route of exposure	Duration of Exposure	PNEC
Soil	Single	0,005 mg/l
Water	Single	0,0005 mg/l
2-ethylhexanoic,acid,zirconium,salt		
Route of exposure	Duration of Exposure	PNEC
Freshwater	-	0,36 mg/l
Freshwater sediment	-	6,37 mg/kg
Marine water	-	0,036 mg/l
Marine water sediment	-	0,637 mg/kg
Soil	-	1,06 mg/kg

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

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 vapours.

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

8.3. Individual protection measures, such as personal protective equipment

Generally

Only CE-marked personal protection equipment should be used. Use only CE marked protective equipment.



Respiratory Equipment				
Туре	Class	Colour	Standards	
Combination Filter A2B2E2K2	Class 2 (medium capacity)	Brown/Gray/Yellow/Green	EN14387	
Skin protection No specific requiren	nents.			
land protection				
Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	, "
Eye protection No specific requiren				
ECTION 9: Physical and o	chemical properties			
. Information on basic Physical state Liquid	physical and chemical prop	perties		
Colour Various colours Odour / Odour thresho	ld			
Solvent pH				
•	or not possible due to the	nature of the product.		
Density (g/cm³) 0.9				
Kinematic viscosity >20,5 mm²/s				
Particle characteristics Does not apply to lic	nuids			
ase changes	10105.			
Melting point/Freezing	point (°C) or not possible due to the	nature of the product.		
Softening point/range (Does not apply to lic	(waxes and pastes) (°C)			
Boiling point (°C)	or not possible due to the	nature of the product.		
Vapour pressure	or not possible due to the			
Relative vapour density	•	·		
Decomposition temper	•	·		
ta on fire and explosion		nature of the product.		
Flash point (°C) 61				
01				
Auto-Ignition (°C) Testing not relevant	or not possible due to the	nature of the product.		
Auto-Ignition (°C) Testing not relevant Flammability (°C) Testing not relevant	or not possible due to the			
Auto-Ignition (°C) Testing not relevant Flammability (°C)	or not possible due to the			



Solubility in water	10772006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878
Completely soluble n-octanol/water coeffic Testing not relevan Solubility in fat (g/L)	t or not possible due to the nature of the product. t or not possible due to the nature of the product.
SECTION 10: Stability and	l reactivity
 10.3. Possibility of hazard None known. 10.4. Conditions to avoid Do not expose to any f 10.5. Incompatible mater Strong acids, strong ba 10.6. Hazardous decomposition 	orms of heat (e.g. solar radiation). May lead to excess pressure. ials ases, strong oxidizing agents, and strong reducing agents.
SECTION 11: Toxicologica	al information
11.1. Information on haza Acute toxicity Product/substance Test method Species Route of exposure Test Result Other information	Ard classes as defined in Regulation (EC) No 1272/2008 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Rat Oral LD50 5000 mg/Kg ·
Product/substance Test method Species Route of exposure Test Result Other information	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Rat Dermal LD50 2000 mg/Kg ·
Product/substance Test method Species Route of exposure Test Result Other information	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Rat Inhalation LC50 5000 mg/Kg ·
Product/substance Test method Species Route of exposure Test Result	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Rabbit Dermal LD50 5000 mg/Kg ·



Other information	
Product/substance Test method Species Route of exposure Test Result Other information	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Rat Oral LD50 300-500 mg/kg ·
Product/substance Test method Species Route of exposure Test Result Other information	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Rat Inhalation LC50 6,89 mg/l (4 h) ·
Product/substance Test method Species Route of exposure Test Result Other information	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Rabbit Dermal LD50 > 2000 mg/kg ·
Product/substance Test method Species Route of exposure Test Result Other information	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Rat Oral LC50 670 mg/m³ (4 h, dust) ·
Serious eye damage/irritat Based on available data Respiratory sensitisation Based on available data Skin sensitisation This product contains su Germ cell mutagenicity Based on available data Carcinogenicity Based on available data Reproductive toxicity Based on available data STOT-single exposure Based on available data STOT-repeated exposure Based on available data	, the classification criteria are not met. , the classification criteria are not met. ubstances that may trigger an allergic reaction in already sensitized persons. , the classification criteria are not met. , the classification criteria are not met.
Other information None known.	



SECTION 12: Ecological information

12.1. Toxicity Product/substance Test method Species Compartment Duration Test Result Other information	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Fish 96 hours - >1000 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Algae No data available. - - >1000 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Daphnia 24 hours - >1000 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Fish 96 hours LC50 1000 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Fish 96 hours LC50 0,049 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Daphnia 48 hours EC50 0,160 mg/l ·
Product/substance Test method Species Compartment Duration Test Result	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Algae 72 hours IC50 0,022 mg/l ·



Other information	
Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
	Daphnia
Compartment	
	21 days
	NOEC
	1,3 mg/l ·
Other information	
Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species I	Fish
Compartment	
	21 days
	NOEC
	0,01 mg/l ·
Other information	
Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
	Daphnia
Compartment	
	21 days
	EC50
Result (0,05 mg/l ·
Other information	
Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
	Fish
Compartment	
	35 d.
Test	NOEC
	0,0084 mg/l ·
Other information	
Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species /	Algae
Compartment	
Duration	72 hours
	NOEC
	0,0046 mg/l ·
Other information	
2.2. Persistence and degrad	dability
	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
	Yes
Test method	
Result	
Result	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Result Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Yes
Result Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate Yes
Result Product/substance Biodegradable	
Result Product/substance Biodegradable Test method Result	Yes
Result Product/substance Biodegradable Test method Result 2.3. Bioaccumulative poten	Yes
Result Product/substance Biodegradable Test method Result 2.3. Bioaccumulative poten	Yes
Result Product/substance Biodegradable Test method Result 2.3. Bioaccumulative poten Product/substance Test method	Yes ntial Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Result Product/substance Biodegradable Test method Result 2.3. Bioaccumulative poten Product/substance Test method Potential bioaccumulation I	Yes ntial Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Result Product/substance Biodegradable Test method Result 2.3. Bioaccumulative poten Product/substance Test method Potential bioaccumulation LogPow	Yes ntial Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics No data available.



12.4. Mobility in soil No data available.

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. Endocrine disrupting properties

None known.

12.7. 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.

SECTION 13: Disposal considerations

Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 14 – Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code 08 01 11*

Waste paint and varnish containing organic solvents or other dangerous substances

Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments No data available.

SECTION 15: Regulatory information

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

Restrictions for application

None known. Demands for specific education

No specific requirements.



SEVESO - Categories / dangerous substances

Not applicable.

Product registration number

4164847

Additional information

Code number (1993): 2-1.

Sources

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

Executive Order no. 1369 of 25 November 2015 on the marketing and labeling of volatile organic compounds in certain paints and varnishes as well as products for car repair painting.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer. 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 (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

- H304, May be fatal if swallowed and enters airways.
- H317, May cause an allergic skin reaction.
- H318, Causes serious eye damage.

H331, Toxic if inhaled.

H361fd, Suspected of damaging fertility. Suspected of damaging the unborn child.

H372, Causes damage to organs through prolonged or repeated exposure.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H411, Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number



SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound vPvB = Very Persistent and Very Bioaccumulative

Additional information

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

The safety data sheet is validated by

MIJ Other

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

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.

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.

Country-language: DK-en