

Safety data sheet



Revision: 17-09-2012

Replaces:

Version: 2.0

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

1.1. Product identifier

Trade name: Bondex Satin

Item number: 320040

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

Recommended uses: Surface treatment of all exterior wood.

1.3. Details of the supplier of the safety data sheet

Supplier: Dyrup A/S.
Gladsaxevej 300
DK-2860 Søborg
Tel: +45 39 57 93 00
Fax: +45 39 57 93 93
Email: productsafety@dyrup.dk

1.4. Emergency telephone number

Contact your local Emergency Services

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD-classification:

Please see section 16 for the full text of R-phrases and H-phrases.

Most serious harmful effects: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.
The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

2.2. Label elements

R-phrases: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Repeated exposure may cause skin dryness or cracking.

S-phrases: Keep out of the reach of children.
Do not breathe vapour/spray.
Avoid contact with skin.
Do not empty into drains.
If swallowed seek medical advice immediately and show this container or label.
Avoid release to the environment. Refer to special instructions/safety data sheet.

Other labelling: Contains 2-Butanone oxime, bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.
Rags soaked with the product may cause spontaneous combustion.
Xn;R65 is not required because of the high viscosity of the product.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/ EC Number	Substance	DSD-classification/ CLP-classification	w/w%	Note
01-211945773 6-27	64742-48-9 918-481-9	Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Xn;R65 R66 Asp. Tox. 1;H304	35-52	1)
.	127519-17-9	Hydroxyphenylbenzotriazole	N;R51/53	<1,5	.
.	407-000-3	.	Aquatic Chronic 2;H411	.	.
.	96-29-7	2-Butanone oxime	Xn;R21 Carc3;R40 Xi;R41 R43	<1	.
.	202-496-6	.	Carc. 2;H351 Acute Tox. 4 *;H312 Eye Dam. 1 ;H318 Skin Sens. 1;H317	.	.
.	41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl)	R43 N;R50/53	<0,5	.
.	255-437-1	sebacate	Skin Sens. 1;H317 Aquatic Acute 1 ;H400 Aquatic Chronic 1;H410	.	.
.	82919-37-7	Methyl 1,2,2,6,6-pentamethyl-4	R43 N;R50/53;	<0,25	.
.	280-060-4	-piperidyl sebacate	Skin Sens. 1;H317 Aquatic Acute 1 ;H400 Aquatic Chronic 1;H410	.	.
.	55406-53-6	3-Iodo-2-propynyl butylcarbamate	Xn;R20/22 Xi;R41-R37 R43 N;R50	< 0,1	.
.	259-627-5	.	Eye Dam. 1;H318 Aquatic Acute 1 ;H400 Aquatic Chronic 1;H410 Acute Tox. 4 ;H302 Acute Tox. 4;H332 Skin Sens. 1 ;H317 STOT SE 3;H335	.	.
.	26530-20-1	2-octyl-2H-isothiazol-3-one	Xn;R22 T;R23/24 C;R34 R43 N;R50/53	<0,05	.
.	247-761-7	.	Acute Tox. 3 *;H331 Acute Tox. 3 * ;H311 Acute Tox. 4 *;H302 Skin Corr. 1B ;H314 Skin Sens. 1;H317 Aquatic Acute 1 ;H400 Aquatic Chronic 1;H410	.	.

1) Contains less than 0.1% benzene.

Please see section 16 for the full text of R-phrases and H-phrases.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation:	Seek fresh air. Keep victim under observation. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice immediately.
Skin:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eyes:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
Other information:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media	Extinguish with powder, foam, carbon dioxide or water mist.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous fumes are formed in fire conditions.

5.3. Advice for firefighters**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel: Provide good ventilation. Smoking and naked flames prohibited. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment.

For emergency responders:

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water. Notify proper authorities in case of

contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions.

All contaminated rags, paper, spray booth filters etc. may be subject to spontaneous combustion under certain conditions. Place all contaminated material in a metal container with a tight fitting lid. Remove from premises immediately. Dispose of in accordance with local regulations or burn under controlled conditions.

7.2. Conditions for safe storage, including any incompatibilities

Store frost-free. Keep in tightly closed original packaging. Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Legal basis:

Contains no substances subject to reporting requirements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Wear protective gloves of nitrile rubber, min. 0.3 mm (tested according to EN 374-3). Exposure time: >8 hours at 23°C.

Personal protective equipment, respiratory protection: In case of insufficient ventilation use an approved mask with a gas filter: A2 when risk of inhaling vapours. In case of spraying also use particle filter type P2 SL (white). The filter has a limited lifetime and must be changed. Read the instruction.

Environmental exposure controls:

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	No data
Odour:	No data
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	No data
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	58°C
Evaporation rate:	No data
Flammability (solid, gas):	No data
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	0,9 g/cm ³
Solubility:	Not miscible with the following: water
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

9.2. Other information

VOC (Volatile organic compounds): 399 g/l

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable if used in accordance with storage instructions (see section 7).

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions**10.4. Conditions to avoid**

Avoid heating and contact with ignition sources.

10.5. Incompatible materials**10.6. Hazardous decomposition products**

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity - oral:

Ingestion may cause discomfort.

Acute toxicity - dermal:

Test data are not available.

Acute toxicity - inhalation:

Inhalation of vapours from organic solvents may cause headache, fatigue and dizziness.

Skin corrosion/irritation:

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation:

May cause eye irritation.

Sensitisation:

The product contains substances, which may produce an allergic reaction.

Mutagenicity:

Test data are not available.

Carcinogenic properties:

Test data are not available.

Reproductive toxicity:

Test data are not available.

Toxicity in case of single exposure:

Test data are not available.

Toxicity in case of repeated or prolonged exposure:

Test data are not available.

Aspiration hazard:

May cause chemical pneumonia if ingested or vomited.

Other toxicological effects:

SECTION 12: Ecological information**12.1. Toxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Acute toxicity:

26530-20-1: Fish: : = 0,16 Crustacea: : = 0,180 Algae: : = 0,084

12.2. Persistence and degradability

The product contains substances that are not biologically degradable, which may cause long term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

Based on the Log Kow's of the substances the product is not considered to bioaccumulate.

26530-20-1: Partition coefficient n-octanol/water: 2,45

12.4. Mobility in soil

The product is not miscible with water and the solvent will evaporate quickly.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. 08 01 11

SECTION 14: Transport information

ADR/RID

The product is not covered by the rules for transport of dangerous goods by road and rail in packagings of less than 450 litres according to ADR/RID 2.2.3.1.5, due to the viscosity of the product.

14.1. UN number	1263
14.2. UN proper shipping name	Paint
14.3. Transport hazard class(es)	3
14.4. Packing group	III
Hazard identification number	30
Tunnel restriction code:	
14.5. Environmental hazards	

ADN

14.1. UN number	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
14.4. Packing group	
14.5. Environmental hazards	
Environmental hazard in tank vessels:	

IMDG

The product is not covered by the rules for transport of dangerous goods by sea in packagings of less than 30 litres according to IMDG 2.3.2.5, due to the viscosity of the product. The sea transport document must contain the following sentence: Transport in accordance with 2.3.2.5 of the IMDG Code.

14.1. UN number	1263
14.2. UN proper shipping name	Paint
14.3. Transport hazard class(es)	3
14.4. Packing group	III
14.5. Environmental hazards	
IMDG Code segregation group:	

ICAO/IATA

14.1. UN number	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
14.4. Packing group	

14.6. Special precautions for user**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Special provisions: None.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Changes have been made in the following sections: 2, 3

R-phrases:

R20/22 Harmful by inhalation and if swallowed.
 R21 Harmful in contact with skin.
 R22 Harmful if swallowed.
 R23/24 Toxic by inhalation and in contact with skin.
 R34 Causes burns.
 R40 Limited evidence of a carcinogenic effect.
 R41 Risk of serious damage to eyes.
 R43 May cause sensitisation by skin contact.
 R50 Very toxic to aquatic organisms.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65 Harmful: May cause lung damage if swallowed.
 R66 Repeated exposure may cause skin dryness or cracking.

H-phrases:

H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H311 Toxic in contact with skin.
 H312 Harmful in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H331 Toxic if inhaled.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H351 Suspected of causing cancer.
 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.

Training:

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information:

Because of the content of fungicide it is recommended that the product is only used on surfaces outdoor.