

## SAFETY DATA SHEET

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## Glue boards for light traps

### 1. Identification of the substance/preparation and of the company undertaking

#### 1.1 **Commercial product name:**

Abiotec glueboards for light traps

#### 1.2 **Relevant identified uses of the substances or mixture and uses advised against**

Identified uses: Abiotec glue boards for light traps for Industrial uses:  
Uses of substances as such or in preparations at industrial sites.  
Formulation (mixing) of preparations and/or re-packaging (excluding alloys).

Uses advised against Not intended for use in products for which prolonged contact with mucous membranes, body fluids or abraded skin is intended.

#### 1.3 **Details of the supplier of the safety data sheet**

Deffner & Johann GmbH  
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### 2. Hazards identification

#### 2.1 **Classification of the substance or mixture**

According to Regulation (EC) No 1272 / 2008 (CLP)

Skin sensitiser 1A.

According to directive 67/548/EEC or 1999/45/EC

##### *Possible hazards*

May cause sensitisation by skin contact. Further information

During use the product is applied at elevated temperatures, exposing the user to the possibility of severe burns unless suitable precautions are taken. Exposure to high levels of fumes at application temperature may cause irritation of the eyes and respiratory tract. If adhesive is overheated especially using a naked flame it will burn. Excessive fuming indicates overheating. Product may accumulate static charges

#### 2.2 **Label elements**

According to regulation EC NO 1272 / 2008 (CLP)

Hazard pictograms



Signal word: Warning

**Hazard statements:**

**H317 May cause an allergic skin reaction.**

<b>Precautionary statements</b>	<b>P280</b> Wear protective gloves.
<b>Prevention</b>	<b>P261 P272</b> Avoid breathing dust/fume/gas/mist/vapours/spray Contaminated work clothing should not be allowed out of the workplace.
<b>Precautionary statements</b>	<b>P333 + P311</b> If skin irritation or rash occurs call a poison centre or doctor.
<b>Response</b>	<b>P303 + P352</b> If on skin or hair wash with plenty of soap and water. <b>P391</b> Collect any spillage.
<b>Disposal:</b>	<b>P272</b> Take off contaminated clothing and wash before reuse. <b>P501</b> Dispose of contents / container to hazardous or special waste collection point.

### Hazard determining component for labelling

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

According to Directive 67/548/EEC or 1999/45/EC

Hazard symbol Xi irritant



<b>R-phrase</b>	<b>R43</b> May cause sensitisation by skin contact.
<b>S-phrase</b>	<b>S24</b> Avoid contact with skin. <b>S37</b> Wear suitable gloves.

### Hazard determining component for labelling

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate.

## 3. Composition / information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Chemical name	CAS number	Reach registration number	%	Classification to Regulation (EC) No 1272 / 2008
Reaction mass of bis(1,2,2,6,6-pentamethyl-4- piperidyl) sebacate and methyl 1,2,2,6,6- pentamethyl-4-piperidyl sebacate		01-2119491304	0.1 - 1	Skin Sens 1A H317 Aquatic acute 1 H400 Aquatic chronic 1 H410
2-(2H- benzotriazol-2-YL)-4-6-ditertpentylphenol Identified as a Substance of Very High Concern (SVHC) on the candidate list published December 2014	25973-55-1	01-2119955688	0.1 - 1	STOT RE (liver, kidney) 2 H373 Aquatic chronic 4 H413
Non hazardous polymers, tackifying resins, waxes, oils and stabilisers			>98	

Composition comments

The full text for all H-phrases is displayed in section 16.

## 4. First aid measures

### 4.1 **General information**

Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Take off contaminated clothing and shoes immediately.

### 4.2 **Inhalation**

If exposed to excessive levels of fume from hot product remove to fresh air and get medical attention. Cold product does not pose an inhalation hazard.

### 4.3 **Skin contact**

For contact with cold product wash the skin immediately with soap and water. Get medical attention if irritation develops and persists. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and seek medical advice for removal of adhering material and treatment of burn. Adhesive may be softened with olive oil or liquid paraffin. When hot melt removed treat as thermal burn.

### 4.4 **Eye contact**

If hot product enters eye flush area with large quantity of clean, cold water. Urgently seek medical assistance. Due to the format of the product (blocks) cold product will not enter the eyes.

### 4.5 **Ingestion**

In the unlikely event of ingestion seek medical advice.

## 5. Fire-fighting measures

### 5.1 **Suitable extinguishing media**

Dry chemical powder  
Carbon dioxide  
Earth  
Sand  
Foam

Unsuitable extinguishing media for safety reasons  
Water should not be used as burning product may float on water.

### 5.2 **Special hazards/combustion products:**

Harmful vapours including Carbon dioxide, Carbon monoxide, Smoke, Low molecular weight hydrocarbons.

### 5.3 **Protective equipment:**

Self contained respiratory equipment should be worn.

Further information

Contaminated extinguishing water must be disposed of in accordance with local or national regulations.

## 6. Accidental release measures

### 6.1 *Personal precautions, protective equipment and emergency procedures*

Use personal protective clothing.

### 6.2 *Environmental precautions*

Prevent material from entering watercourses or sewers. Advise authorities if material enters watercourses or sewers. Place in suitable container for disposal.

### 6.2 *Methods and materials for containment and clean up*

Clean up spilled material and place in suitable containers for reuse or disposal. If hot product is spilt allow to cool and take up mechanically.

## 7. Handling and storage

### 7.1 *Precautions for safe handling*

No special requirements provided product is used correctly.

### 7.2 *Conditions for safe storage, including any incompatibilities*

Store in a clean dry place at temperatures between 5 and 30°C with containers kept closed. Use oldest stock first.

## 8. Exposure controls/ personal protection

### 8.1 *Control parameters*

No occupational exposure limits known.

### 8.2 *Engineering controls*

Handle in accordance with good industrial hygiene and safety practice. Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield. During processing adequate ventilation is required. The use of local exhaust ventilation is recommended to control fumes.

## 9. Physical and chemical properties

### 9.1 *General information*

<i>Form</i>	Solid at ambient temperatures, liquid at application temperatures.
<i>Colour</i>	Amber.
<i>Odour</i>	Slight Resinous.
<i>Odour threshold</i>	No applicable information available.
<i>pH value</i>	No applicable information available, product is not readily soluble in water.
<i>Melting range</i>	68 to 78° C.
<i>Boiling point</i>	No applicable information available. Based on composition expected to be >250° C.
<i>Flash Point</i>	No applicable information available. Based on composition expected to be >250° C.
<i>Evaporation rate</i>	No applicable information available. Product is a non-volatile solid at ambient temperatures.
<i>Flammability</i>	Combustible but not flammable.

<i>Explosion limits</i>	No applicable information available. Product is a non volatile solid.
<i>Vapour pressure</i>	No applicable information available. Product is a non volatile solid at ambient temperatures.
<i>Density</i>	0.98 g/cm <sup>3</sup> at 23° C.
<i>Solubility in water</i>	No applicable information available. Based on composition expected to be negligible. Autoignition temperature: No applicable information available.
<i>Decomposition temperature</i>	Based on composition expected to be >250° C. No applicable information available. Based on composition expected to be >250° C.
<i>Viscosity</i>	Solid at 23° C. Typical Brookfield viscosity at 140° C, 675 mPas
<i>Explosive properties</i>	<i>Not explosive.</i>

## 10. Stability and reactivity

### 10.1 Reactivity

Limited chemical reactivity. No hazardous reactions if stored and handled as prescribed / indicated. Adding water to molten product will cause foaming and splitting.

### 10.2 Chemical stability

Chemically stable. Prone to slow degradation when heated at application temperatures.

### 10.3 Conditions to avoid

Strong oxidising agents.

### 10.4 Hazardous decomposition products

Include carbon dioxide, carbon monoxide, low molecular weight hydrocarbons.

## 11. Toxicological information

### 11.1 Information on toxicological effects

<i>Acute toxicity</i>	Non toxic after a single exposure.
<i>Irritation</i>	Mixture not considered to be irritating to skin and eyes, but may cause slight discomfort.
<i>Respiratory / Skin sensitisation</i>	Based on knowledge of the raw materials may be skin sensitiser.
<i>Germ cell mutagenicity</i>	Based on knowledge of the raw materials not expected to be mutagenic.
<i>Carcinogenicity</i>	Based on information on raw materials not expected to have any carcinogenic effect.
<i>Reproductive toxicity</i>	Based on information on raw materials not expected to have any toxic effect on reproduction.
<i>Specific Target Organ Toxicity (STOT) (single exposure)</i>	Based on information on raw materials no specific target organ toxicity to be expected.
<i>Specific Target Organ Toxicity (STOT) (repeated exposure)</i>	Based on information on raw materials repeated oral exposure may cause damage to the liver and / or kidneys after repeated ingestion.
<i>Aspiration hazard</i>	Not applicable.

## 12. Ecological information

### 12.1 Toxicity

Based on a knowledge of the raw materials may be toxic to aquatic organisms. One minor component very toxic to aquatic organisms listed on the Candidate list of Substances of Very High Concern but unlikely to leech out in significant amounts.

### 12.2 Persistence and degradability

Based on a knowledge of the raw materials not expected to biodegrade, however according to Regulation (EC) No 1907/2006 (REACH) one of the components, 2-(2H- benzotriazol-2-YL)-4-6-ditertpentylphenol, is listed on the candidate list of Substances of Very High Concern (SVHC) as potentially PBT/vPvB.

### 12.3 Bioaccumulative potential

Based on a knowledge of the raw materials not expected to bioaccumulate, however according to Regulation (EC) No 1907/2006 (REACH) one of the components, 2-(2H- benzotriazol-2-YL)-4-6-ditertpentylphenol, is listed on the candidate list of Substances of Very High Concern (SVHC) as potentially PBT/vPvB.

### 12.4 Mobility in soil

Based on a knowledge of the raw materials no adsorption is expected.

### 12.5 Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) one of the components, 2-(2H- benzotriazol-2-YL)-4-6- ditertpentylphenol, is listed on the candidate list of Substances of Very High Concern (SVHC) as potentially PBT/vPvB.

## 13. Disposal considerations

Waste treatment methods

Dispose of contents / contaminated container to hazardous or special waste collection point.

Care should be taken to ensure compliance with EC, national and local regulations. In the UK the UK Environmental Protection (Duty of Care ) Regulations and amendments should be noted and disposal should be in accordance with the 2005 Hazardous Waste Regulations and amendments.

## 14. Transport information

*Land*

Not regulated for road/rail transport.

*Inland Waterways*

Not regulated for inland waterways transport.

*Sea*

Not regulated for sea transport.

*Air*

Not regulated for air transport

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations / legislation specific for the mixture

ALL applicable legislation listed in other parts of this safety data sheet.

### 15.2 Chemical safety assessment

Not conducted.

## 16. Other information

### Assessment of the hazard classes according to UN GHS criteria (most recent version)

#### Full text of any H phrases

H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H373	May cause damage to organs (liver, kidneys) through prolonged or related exposure
H413	May cause long lasting harmful effects to aquatic life

#### Full text of any R phrases

R43	May cause sensitisation by skin contact
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## Revision summary

April 1995:	v1.0 This safety data sheet has been revised in all sections (new layout)
Dec 2011:	v1.1 till v1.3 Revised after re-classification of component.
April 2015:	v1.4 Revised after re-classification of component.
Dec 2019:	v1.5 Re-evaluated for its content and validated
April 2020:	v1.6 Lay-out of the MSDS adjusted

*The information contained herein is accurate to the best of our knowledge and belief. It is intended to describe the product for the purposes of health, safety and environmental requirements only. It is not intended and should not be construed, as a warranty.*