



**Eurobond**  
**RETAIL ADHESIVES LTD**

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## Eurobond MultiSeal Material Safety Data Sheet

Revision Date: 06.01.15

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** Eurobond Multiseal

**Product code:** Eurobond Multiseal

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

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

**Company Name** Eurobond Retail Adhesives Limited

Bonham Drive  
Eurolink Industrial Estate  
Sittingbourne  
Kent ME10 3RY

**Tel:** 01795 427 888

**Email:** [enquiries@eurobond-adhesives.com](mailto:enquiries@eurobond-adhesives.com)

**Emergency Tel:** 01795 427 888

### Section 2: Hazards identification

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

**Classification under CHIP:** R52/53

**Classification under CLP:** Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1: H317; -: EUH208

#### Most important adverse effects:

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

#### 2.2. Label elements

##### Label elements under CLP:

**Hazard statements:** EUH208: Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate., n-(2-aminoethyl)-3-aminopropyltrimethoxysilane.  
May produce an allergic reaction.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.

##### Signal words:

Warning

##### Hazard pictograms:

GHS07: Exclamation mark



##### Precautionary statements

P102: Keep out of reach of children.  
P103: Read label before use.  
P264: Wash hands thoroughly after handling.  
P261: Avoid breathing vapours.  
P363: Wash contaminated clothing before reuse.  
P273: Avoid release to the environment.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P337+313: If eye irritation persists: Get medical advice.  
P501: Dispose of contents to to standard waste.  
P280: Wear eye protection and gloves.  
P333+313: If skin irritation or rash occurs: Get medical advice.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see information on this label).

**Label elements under CHIP:**

**Hazard symbols:** Symbol not required.

**Risk phrases:** 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S29: Do not empty into drains.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Precautionary phrases:** Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate., n-(2-aminoethyl)-3-aminopropyltrimethoxysilane. May produce an allergic reaction

**2.3. Other hazards**

**Other hazards:** This product is not classified as hazardous according to current CHIP legislation

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients:**

Trimethoxy Vinysilane

EINECS	CAS	CHIP CLASSIFICATION	CLP CLASSIFICATION	PERCENT
220-449-8	2768-02-7	-: R10, Xn: R20	Acute Tox. 4: H332; Flam. Liq. 3: H226	1 – 10%

**N-(2-AMINOETHYL)-3-AMINOPROPYLTRIMETHOXYSILANE**

217-164-6	1760-24-3	Xi: R41; Sens.: R43; Xn: R20; N: R51/53	Eye Dam. 1: H318; Aquatic Chronic 2: H411; Acute Tox. 4: H332; Skin Sens. 1: H317	<1%
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**BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.**

-	-	Sens.: R43; N: R50/53	Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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**Section 4: First aid measures****4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**4.3. Indication of any immediate medical attention and special treatment needed****Section 5: Fire-fighting measures****5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Wash the spillage site with large amounts of water.

**6.4. Reference to other sections**

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance.

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

**Storage conditions:** Store in cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values** DNEL / PNEC No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Paste

**Colour:** Grey

**Odour:** Bearly perceptible odour

**Evaporation rate:** Negligible

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents

**Viscosity:** Highly Viscous

#### Flammability

**limits %:** N/A

**Lower:** N/A

**Upper:** N/A

**Flash point °C:** N/A

**Autoflammability °C:** N/A

**Relative density:** 1.49

**VOC g/l:** 20

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

**BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.**

Oral	Rat	LD50	3230	Mg/kg
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**Toxicity values:** No data available

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Section 12: Ecological information****12.1. Toxicity****Hazardous ingredients:****TRIMETHOXY VINYLSILANE**

Daphnia magna	-	21D NOEC 28	mg/l
Daphnia magna	48H EC50	169	mg/l
Green alga (Selenastrum capricornutum)	-	72H NOEC 25	mg/l
Green alga (Selenastrum capricornutum)	72H IC50	210	mg/l
Rainbow Trout (Oncorhynchus mykiss)	96H LC50	191	mg/l

**N-(2-AMINOETHYL)-3-AMINOPROPYLTRIMETHOXSILANE**

Scenedesmus Subspicatus	72H EC50	126	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	597	mg/l

**BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.**

Desmodemus Subspicatus	72H ErC50	1.68	mg/l
Daphnia magna	24H EC50	20	mg/l
Fish	96H LC50	0.97	mg/l
Rainbow Trout (Oncorhynchus mykiss)	96H LC50	7.9	mg/l

**12.2. Persistence and degradability****Persistence and degradability:** Not biodegradable.**12.3. Bioaccumulative potential****Bioaccumulative potential:** No bioaccumulation potential.**12.4. Mobility in soil****Mobility:** Non-volatile.**12.5. Results of PBT and vPvB assessment****PBT identification:** This product is not identified as a PBT/vPvB substance.**12.6. Other adverse effects****Other adverse effects:** Negligible ecotoxicity**Section 13: Disposal considerations****13.1. Waste treatment methods****Disposal operations:** Dispose of according to local or national legislation**Waste code number:** 08 04 10**Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**Section 14: Transport information****Transport class:** This product does not require a classification for transport.**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment****Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.**Section 16: Other information****Other information****Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.  
H226: Flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
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.  
H412: Harmful to aquatic life with long lasting effects.  
R10: Flammable.  
R20: Harmful by inhalation.  
R41: Risk of serious damage to eyes.  
R43: May cause sensitisation by skin contact.  
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.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties