

Den Braven Sealants bv

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SAFETY DATA SHEET

Zwaluw Montagefix-N

Reference : 6.10
Grade : 610M
Date : 02-03-2006
Replaces : previous sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Zwaluw Montagefix-N
Use of the product : Adhesive for the building industry
Supplier : See above
Emergency phone number : +31 (0) 413-268716 if no answer +31 (0) 161-451909 (after working hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Mixture based on rubber, resin, fillers, solvents and additives.

<u>Hazardous ingredients $\geq 1\%$ and toxic ingredients $> 0.1\%$</u>	<u>CAS Number</u>	<u>Einecs Number</u>	<u>Weight %</u>	<u>Danger Symbol</u>	<u>Risk Phrases</u>
Ethylacetate	141-78-6	205-500-4	10-25	F, Xi	11-36-66-67
Toluene	108-88-3	203-625-9	10-15	F, Xn	11-38-48/20-63-65-67
Naphtha (petroleum), hydrodesulfurized light, dearomatized	92045-53-9	295-434-2	5-15	F, Xn, N	11-38-51/53-65-67
Naphtha (petroleum), hydrotreated light n-Hexane	64742-49-0 110-54-3	265-151-9 203-777-6	5-10 < 1	F, Xn, N F, Xn, N	11-38-51/53-65-67 11-38-48/20-51/53-62-65-67

3. HAZARDS IDENTIFICATION

Potential health effects : Highly Flammable. Irritating to skin.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Possible risk of harm to the unborn child. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

Eyes : In case of contact flush eyes immediately with plenty of water for at least 15 minutes.
Lift eyelids and rinse well underneath them. Get medical attention if irritation persists.
Mouth (ingestion) : Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.
Lungs (inhalation) : Fresh air and rest. Get medical attention if complaint persists.
Skin : Remove completely with a dry cloth or paper towel, before washing with detergent and water.
Get medical attention if irritation persists.
Clothes : Remove polluted clothing.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO₂, powder, foam and water spray.
Unsuitable extinguishing media : Unknown.
Special fire fighting procedures : Wear protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Keep away from drains and watercourses.
Clean up procedures : Wipe, scrape or soak up in inert material and put in a container for disposal.
Personal precautions : Wear proper protective equipment as described in the 'eye and skin protection' section of chapter 8.

7. HANDLING AND STORAGE

Handling : Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.
Storage : Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit : MAC Ethylacetate 150 ppm, Heptane 300 ppm,
MAC value Toluene 40 ppm, n-Hexane 25 ppm
Respiratory protection : Avoid breathing the vapour. Maintain good ventilation.
Eye and skin protection : Avoid contact with skin and eyes. Wear safety glasses.
Industrial hygiene : When using do not eat, drink or smoke. Wash hands after work and before breaks.
Don't rub eyes with dirty hands.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: paste	Flash point	: -25	°C
Colour	: yellow	Lower explosion limit	: 1,1	vol-%
Odour	: solvent	Upper explosion limit	: 11,5	vol-%
Density (water=1)	: 1,15 g/ml	Ignition temperature	: >200	°C
pH (water=7)	: NA	Vapour pressure	: <250	mbar
Boiling point (water =100)	: 63 °C	Mixable with water	: no	
Freezing point (water = 0)	: NA °C	Mixable with organic solvents	: yes	
		VOC-content	: 45	Weight-%

10. STABILITY AND REACTIVITY

Hazardous decomposition products	: In case of fire: HCl, CO.
Materials to avoid	: Strong oxidizing agents.
Conditions to avoid	: Keep away from sources of ignition.

11. TOXICOLOGICAL INFORMATION

Product information	Ethylacetate	Toluene
Acute oral LD50 (mg/kg)	: 4935 (rat)	5000 (rat)
Acute dermal LD50 (mg/kg)	: unknown	12124 (rabbit)
Acute inhalation LC50 (mg/l)	: 1600 (rat)	5320

Other information: Repeated or prolonged contact with the skin may cause dermatitis.
For information on hazardous substances see 'chapter' 2.

12. ECOLOGICAL INFORMATION

Avoid uncured product will come in the environment.

Degradability	: Unknown.
Ecotoxicity	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
WGK (Germany)	: 2

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local legislation.

14. TRANSPORT INFORMATION

By sea according IMDG-Code	: Class: 3, Packing group: III, EmS: F-E, S-D, Limited Quantity: 5ℓ / 30kg.
By land according ADR	: Class: 3, Classification code: F1, Packing group: III, Limited Quantity: LQ7.
By air according ICAO/IATA-DGR	: Class: 3, Packing group: III.
UN-number	: 1133
Proper shipping name	: Adhesives, (having a flashpoint below 23°C and viscous according to 2.2.3.1.4) (vapour pressure at 50°C not more than 110 kPa).

15. REGULATORY INFORMATION

To the labelling requirements of EC Directives 67/548/EC and 1999/45/EC:

Danger symbol	: F Highly Flammable, Xn Harmful
Contains	: Toluene.
R-phrases	: 38 Irritating to skin. 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. 63 Possible risk of harm to the unborn child. 67 Vapours may cause drowsiness and dizziness. 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases	: 2 Keep out of reach of children. 16 Keep away from sources of ignition – no smoking. 36/37 Wear suitable protective clothing and gloves. 46 If swallowed seek medical advice immediately and show this container or label.
For general public:	: Tactile warning applicable.

16. OTHER INFORMATION

This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC. This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made. The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

NA : Not Applicable
Unk : Unknown