

SAFETY DATA SHEET



CASCO MARIN &TEKNIK, clear

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

Product name	: CASCO MARIN &TEKNIK, clear	Supplier/ Manufacturer	: Akzo Nobel Deco International AB P.O. Box 11550 100 61 Stockholm Sweden Tel. +00468 7434000 Fax. +00468 6436370
Product number	: 2997, 4067		
Chemical description	: SMP-polymer based sealant, solventfree.	Emergency telephone number	: RING 020-99 60 00 (övrig tid, Emergency Response Center)
Material Uses	: Quick-curing adhesive and sealing compound for marine and other demanding areas.		

2. Composition / information on ingredients

Chemical name*	CAS No.	%	EC number	Classification
----------------	---------	---	-----------	----------------

Sweden

Trimethoxyvinylsilane	2768-02-7	2.5 - 5	220-449-8	R10, Xn; R20, Xi; R38
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.1 - 1	255-437-1	R43, N; R50/53

See section 16 for the full text of the R Phrases declared above

Legend: T=Toxic, Xn=Harmful, Xi=Irritating, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, C=Corrosive.

* Occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Effects and symptoms

Inhalation : Small amounts of methanol and silane liberates when curing. These may cause irritation during a short time, but decrease fast and do not cause any permanent effects

Others : The product is not classified as harmful.

4. First aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air.

Ingestion : NO known EFFECT according to our database.

Skin Contact : Wipe off. Wash contaminated skin with soap and water.

Eye Contact : Rinse with water.

Effects and symptoms

Inhalation : Small amounts of methanol and silane liberates when curing. These may cause irritation during a short time, but decrease fast and do not cause any permanent effects

5. Fire-fighting measures

Extinguishing Media

Suitable : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Hazardous thermal decomposition products : These products are carbon oxides (CO, CO₂). Some metallic oxides.

6. Accidental release measures

- Personal precautions** : When handling the product good industrial hygienic standard should always be maintained.
- Environmental precautions and clean-up methods** : Collect mechanically after curing.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : When handling the product good industrial hygienic standard should always be maintained.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls/personal protection

- Engineering measures** : If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Hygiene measures** : When handling the product good industrial hygienic standard should always be maintained.
- Personal protective equipment**
- General** : Depending on handled quantities and working conditions, use the following recommended protective equipment.
- Respiratory system** : Dust respirator. Be sure to use an approved/certified respirator or equivalent.
- Skin and body** : Wear suitable protective clothing.
- Hands** : Design the work so direct contact is avoided.
- Eyes** : Design the work so direct contact is avoided.

9. Physical and chemical properties

- Physical state** : Solid. (Solid paste.)
- Color** : Different depending on product number.
- pH** : Basic.
- Melting point** : ---
- Flash point** : ---
- Density** : 1420kg/m³
- Solubility** : Insoluble in cold water, hot water.

10. Stability and reactivity

- Stability** : Stable under recommended storage and handling conditions (see section 7).
- Conditions to avoid** : Moisture curing. Small amounts of methanol and silane liberates when curing.
- Hazardous Decomposition Products** : These products are carbon oxides (CO, CO₂). Some metallic oxides.

11. Toxicological information

- Inhalation** : Small amounts of methanol and silane liberates when curing. These may cause irritation during a short time, but decrease fast and do not cause any permanent effects
- Other** : The product is not classified as harmful.

12. Ecological information

- Ecotoxicity** : The product is not classified as dangerous for the environment from available data and current legislation.

13. Disposal considerations

- Remains and non-cured product** : Non-hazardous waste
- Cured product** : Cured product is not dangerous waste, and can be disposed as other waste.
- European waste catalogue (EWC)** : 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Packaging

: Packages with remains is handled according to above. Empty packages can be left for recycling.
 For Sweden: Akzo Nobel Deco International AB are connected to the REPA-system (org.nr. 556026-1876). Please contact local authority for information advise on waste.

14. Transport information**International transport regulations**

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-		-
ADN Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated	-	-	-		-

15. Regulatory information

Additional warning phrases : Contains (Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate). May produce an allergic reaction.

National regulations**Sweden****Risk Phrases**

: This product is not classified according to the EU regulations.

Safety Phrases

: S2- Keep out of the reach of children.

16. Other information**Full text of R-Phrases with no. appearing in Section 2 and 3 - Sweden**

: R10- Flammable.
 R20- Harmful by inhalation.
 R38- Irritating to skin.
 R43- May cause sensitization by skin contact.
 R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of classifications appearing in Section 2 and 3 - Sweden

: Xn - Harmful
 Xi - Irritant
 N - Dangerous for the environment.

History

Date of printing : 19 October 2007

Date of issue : 19 October 2007

Date of previous issue : 24 May 2006

Version : 2

Prepared by : Kristina Karlsson

Notice to reader

To the best of our knowledge, the information contained herein is accurate.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Version 2

Page: 3/3