



# MATERIAL SAFETY DATA SHEET

Product name: **Clear Seal (Tung Oil)**

Reviewed date: **May 2011** reviewed by **MC**

## 1. Identification of substance

Substance: Clear Seal  
Supplier: American Wood Oil  
European Factory Agency  
Bredestraat 4  
B 2000 Antwerp, Belgium  
E-mail : [info@americanwoodoil.com](mailto:info@americanwoodoil.com)  
Telephone: +32 (0)3 366 2434 Fax. +32 (0)3 321 6277  
Emergency Phone : +32 (0)14 58 4545 BIG Techn. Schoolstraat 43a B-2440 Geel Belgium  
This revision: May 2011

## 2. Composition/Data on components

Composition and classification of components.

<u>Component</u>	<u>EINECS No.</u>	<u>CAS No.</u>	<u>Concentration range</u>	<u>Classification</u>	<u>Risk phrases</u>
Naphtha (petroleum) hydrodesulfurized heavy (White spirit)	265-185-4	64742-82-1	Approx. 30-60%	Xn,N	R10,65,51/53,66
Cobalt carboxylate		68409-81-4	Less than 0.05%	Xn, Sen	R22,43

The full text of R-phrases are shown in section 16.

Note: This white spirit is NOT classified as a carcinogen under 67/548/EEC and the CHIP regulations 2002.

## 3. Hazards identification

Flammable.

Harmful: may cause lung damage if swallowed.

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

## 4. First aid measures

**Skin exposure:** Promptly wash the affected area with soap or mild detergent and water. Remove contaminated clothing. If symptoms occur after washing seek medical advice. Unlikely to cause irritation on a single contact. Prolonged or repeated contact may cause short-term irritation, de-fatting of the skin and could result in dermatitis.

**Eye splashes:** If the material is splashed into the eye, wash the affected eye with clean running water for at least 15 minutes. Seek medical advice.

**Swallowing (ingestion):** If material is accidentally swallowed, do not make patient vomit, seek medical advice. This information should be taken with the patient when seeking medical advice.

**Inhalation:** Move patient to fresh air. If patient is unconscious, place in the recovery position and seek medical help immediately.

Do not give victim anything to drink if he is unconscious.



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## 5. Fire fighting measures

Use carbon dioxide, dry powder or foam only. Do not use water.  
Fire will produce dense black smoke containing hazardous combustion products.  
Wear self-contained breathing apparatus.  
May produce toxic fumes.

## 6. Accidental release measures

Remove all potential sources of ignition.  
Avoid breathing vapour.  
Spillages should be contained with a non-combustible adsorbent material and collected for disposal in accordance with the local regulations.  
Spillages should not be allowed to run to surface waters.

## 7. Handling & storage

Handling - Keep away from sources of heat or ignition. Ensure adequate ventilation and use suitable protective equipment, as specified below, when in use.  
Storage - Flammable liquid storage. Keep away from oxidizers, heat and flames. Keep in cool, dry ventilated storage.

## 8. Exposure controls & personal protection

*Exposure limit values:*

Cobalt compounds	Workplace exposure limit	0.1 mg/m <sup>3</sup> 8 hour TWA
Naphtha (petroleum) hydrodesulfurized heavy (White spirit)	Occupational Exposure Standard	600 mg/m <sup>3</sup> 8 hour TWA

*From HSE Doc. EH 40/1996, calculated by the Reciprocal Calculation Procedure.*

*Exposure controls:*

### Occupational exposure controls:

Respiratory protection: Provide sufficient ventilation during use to ensure WEL is not reached; if this is not possible organic vapour filter masks should be used (A1 or A2 EN 141).  
Hand protection: Nitrile gloves to EN 374-1 or equivalent should be used to protect the hands during use. Suitable work-wear or overalls should be used to protect clothing and skin.  
Eye protection: Safety goggles or face shield should be used when handling this material to protect from liquid droplets or splashes.

### Environmental exposure controls:

No specific environmental legislation applies, but good practice should be followed. The product should not be allowed to spill or run into surface waters.





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## 13. Disposal considerations

This product is classified as Hazardous. Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the Hazardous Waste Regulations 2005 and is classified as 08 01 11. Empty containers should be treated as if still containing flammable material, classification 15 01 10.

## 14. Transport information

UN number: 1263  
IMDG Code Class: 3.3  
Packing group: III  
ADR: 3  
Proper Shipping Name: PAINT or PAINT RELATED MATERIAL  
This preparation is classified as a marine pollutant.

## 15. Regulatory information

Labels for this preparation must carry a HARMFUL symbol, a DANGEROUS FOR THE ENVIRONMENT symbol and the following Risk and Safety Phrases:

Contains White Spirit EC No. 265-185-4  
Contains Cobalt Carboxylate May cause an allergic reaction

R10 - Flammable liquid

R51/53- toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

S2 - Keep out of the reach of children.

S43- In case of fire use dry powder/foam/CO2. Never use water.

S24/25 - Avoid contact with skin and eyes.

S61 - Avoid release into the environment. Refer to special instructions/Safety data sheet.

S62 - If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label.

An assessment of the risks to health caused by the use of this substance and the other requirements of the Control of Substances Hazardous to Health (COSHH) regulations must be made by any employer or self employed person using this preparation at work. the use of COSHH Essentials is recommended.



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## 16. Other information

Revision comments – amendments have been made to sections 1, 2, 8, 13, 15 and 16.

Full text of risk phrases used in section 2;

- R10 - Flammable liquid
- R22 - Harmful if swallowed.
- R43 - May cause sensitisation by skin contact
- 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.

It is recommended that all persons using this product be suitably trained in the use of relevant personnel protective equipment.

No other safety information is applicable to the use of this preparation for its intended purpose.

This data sheet was compiled using information from raw material manufacturers, The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (as amended), the Approved classification and labelling guide (fifth edition) for supply, the Approved Supply List (eighth edition), EH40/2005 and the Approved Carriage List (third edition).