

SAFETY DATA SHEET

CETOL WP 566 BASE TC/003



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : CETOL WP 566 BASE TC/003**Product code** : 5048-008001

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

Product use : Industrial surface coating for wood.
Product is not intended for consumer use.

1.3 Details of the supplier of the safety data sheet

Manufacturer : Akzo Nobel Wood Coatings GmbH
Sikkens Wood Coatings
Düsseldorferstraße 96-100
D-40721 Hilden
Germany
Tel: +49 (0) 2103 77253
Fax: +49 (0) 2103 77242
Internet: www.sikkens-wood-coatings.com**Email** : andrea.krause@akzonobel.com

1.4 Emergency telephone number

Emergency telephone number of official advisory body : Giftnotrufzentrale Berlin
Tel. +49 (0)30 30686790, (24 Stunden/Tag, jeder Tag, Jede Woche)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Classification according to Regulation (EC) 1907/2006 (REACH)

Classification : Not classified.

2.2 Label elements

Risk phrases : This product is not classified according to EU legislation.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
propane-1,2-diol	EC: 200-338-0 CAS: 57-55-6 Index: selfclassified	1-5	Not classified.	Not classified.	[2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in Section 8.**Date of printing** : 2013-09-06.**Page:** 1/7

SECTION 4: First aid measures

4.1 Description of first aid measures

- General** : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Recommended: alcohol-resistant foam, CO₂, powders.
- Unsuitable extinguishing media** : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
- Special protective equipment for fire-fighters** : Appropriate breathing apparatus may be required.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures** : Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
- 6.2 Environmental precautions** : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.
- 6.3 Methods and materials for containment and cleaning up** : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Preferably clean with a detergent. Avoid using solvents.
- 6.4 Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling** : Due to the organic solvents content of the preparation:
- Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
- Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.
- Information on fire and explosion protection**
Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.
- When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.
- 7.2 Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations.
- Notes on joint storage**
Keep away from: oxidising agents, strong alkalis, strong acids.
- Additional information on storage conditions**
Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight.
Keep container tightly closed.
Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
- 7.3 Specific end use(s)** : No additional information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredient name	Occupational exposure limits
propane-1,2-diol	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 10 mg/m ³ 8 hour(s). Form: Particulate TWA: 150 ppm 8 hour(s). Form: Sum of vapour and particulates TWA: 474 mg/m ³ 8 hour(s). Form: Sum of vapour and particulates

Exposure controls : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

8.2 Exposure controls

Respiratory system

: Wear a respirator conforming to EN140 with Type A/P2 filter or better. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

Skin and body

: Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

Hands

Gloves

: For prolonged or repeated handling, use the following type of gloves:

Recommended (> 8 hours (breakthrough time)): polyethylene (PE)

Not recommended (< 1 hour (breakthrough time)): natural rubber (latex)

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

Eyes

: Use safety eyewear designed to protect against splash of liquids.

Environmental exposure controls

: Do not allow to enter drains or watercourses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid.
Colour	: Colourless.
Flash point	: Not applicable. Not considered to be flammable .
Boiling point/boiling range	: 100 °C (Lowest known value: water)
Melting point/freezing point	: Not tested
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not tested
pH	: 9.2 - 10.1
Viscosity	: 22 - 26 s (ISO CUP 3 MM)
Density	: 1.01 g/cm ³
Evaporation rate	: Not tested
Vapour density	: < 1 (Air = 1) (Calculated value for the mixture)
Vapour pressure	: Not applicable.
Explosion limits	: Lower: 1.2% Upper: 23.5%
Partition coefficient: n-octanol/water	: Not tested

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : Stable under recommended storage and handling conditions (see section 7).
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

There are no data available on the preparation itself. The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.

SECTION 12: Ecological information

12.1 Toxicity

There are no data available on the preparation itself.
Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects

AOX : The product contains organically bound halogens and can contribute to the AOX value in waste water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Do not allow to enter drains or watercourses.
Dispose of according to all federal, state and local applicable regulations.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

SECTION 14: Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

IMDG

UN number	: Not regulated.
Proper shipping name	: Not applicable.
Class	: Not applicable.
Subsidiary class	: -
Marine pollutant	: No.

ADR

UN number	: Not regulated.
Proper shipping name	: Not applicable.
Class	: Not applicable.
Subsidiary class	: -
Marine pollutant	: No.

ADN/ADNR

UN number	: Not regulated.
Proper shipping name	: Not applicable.
Class	: Not applicable.
Subsidiary class	: -
Marine pollutant	: No.

IATA

UN number	: Not regulated.
Proper shipping name	: Not applicable.
Class	: Not applicable.
Subsidiary class	: -

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

SECTION 15: Regulatory information

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

VOC for Ready-for-Use Mixture	: IIA/f. Interior and exterior minimal build woodstains. EU limit values: 150g/l (2007) 130g/l (2010.) This product contains a maximum of 79 g/l VOC.
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The information in this Safety Data Sheet is required pursuant to Annex II to Regulation (EC) No 1907/2006.

Industrial use	: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.
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15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number
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Full text of abbreviated H statements : Not applicable.

Full text of classifications [CLP/GHS] : Not applicable.

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SECTION 16: Other information

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Version : 2.05

Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.