



Optifinish TR SG

Product name	Optifinish TR SG	Safety Data Sheet according regulation (EC) Directive 1907/2006
Version	1.0	
Version date	21 april 2011	
Revision of SDS with date	-	Printing date 7 juni 2011

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**1.1. Product identifier**

Productnaam en/of code Optifinish TR SG in all available colors

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

Waterborne spray quality for industrial use

For professional and industrial use only.

DRYWOOD Optifinish TR SG is a waterborne transparent semi-gloss industrial midcoat and finish (spray quality) for interior and exterior wooden joinery and other wood constructions. Also the product can be used as a primer.

For more information, please refer to the product information sheet PIB 113901EN

1.3. Details of the supplier of the safety data sheet

Company Name DRYWOOD COATINGS B.V.
Address H. ter Kuilestraat 181, NL-7547 SK
Enschede, The netherlands
P.O. Box 3954, NL-7500 DZ Enschede, The Netherlands
Telephone number +31 (0)53 433 44 22
E-mail safety@drywood.nl

1.4. Emergency telephone number

Telephone number +31 (0)53 433 44 22

2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

This preparation is not classified as dangerous according to EC Directive 1999/45/EC.

2.2. Label elements

Symbols Not applicable
R-phrases Not applicable
S-phrases (advisory) S2 Keep out of the reach of children. Avoid inhalation.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well ventilated areas.

2.3. Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

3.2 Mixtures

Substance name	Concentration	CAS No / EC No / Registraion No	Classification (67/548/EG)	Classification (Regulation (EG) Nr 1272/2008)
Butyl diglycol	2.0 - 4.0%	112-34-5 /203-961-6 / -	Xi, R36	Eye Irrit. 2 H319

(*) See chapter 16 for full text of the R- and H-phrases



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 patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
Eye contact	Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart and seek medical advice.
Ingestion	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Unknown

4.3. Indication of any immediate medical attention and special treatment needed

Unknown

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Recommended: alcohol resistant foam, CO₂, powders, water spray.

Not be used for safety reasons Waterjet

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.2. Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewage, : inform appropriate authorities in accordance with local regulations

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent; avoid use of solvents

6.4 . Reference to other sections

Refer to protective measures listed in sections 7 and 8 and refer to disposal considerations in section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep container tightly closed. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in application area. For personal protection see Section 8. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws.

7.2. Conditions for safe storage, including any incompatibilities

Observe label precautions. Store between 5 and 30 °C in a dry, well ventilated place away from sources of heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)

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.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1. Control parameters**

Substance name	TWA (8 hours) ⁽¹⁾	TWA (15 min) ⁽²⁾
Butyldiglycol	50 mg/m ³	100 mg/m ³

Source: Dutch national MAC-values list

(1) Time Weighted Average (8 hours)

(2) Time Weighted Average (15 minutes)

8.2. Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Occupational exposure controls

Respiratory protection	If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.
Hand protection	For prolonged or repeated handling, use butyl rubber or neoprene gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.
Eye protection	Use safety eyewear designed to protect against splash of liquids
Skin protection	Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

The product should not be allowed to enter drains or water courses.

9. PHYSICAL AND CHEMICAL PROPERTIES**General data**

Appearance	Liquid
Odor	Product -specific

9.1. Information on basic physical and chemical properties

pH	7.5 - 8.5	
Flash point	Not applicabel because of the nature of this product	
Viscosity (20°C)	15000 - 30000 mPa.s	Method: Brookfield DV-I sp64 6rpm
Specific gravity	1.03 - 1.10 kg/l (depending the color)	Method: Pyknometer
Vapour density	Not applicabel because of the nature of this product	
Lower explosion limit	Not applicabel because of the nature of this product	
Water solubility	miscible in water	

9.2. Other information

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10. STABILITY AND REACTIVITY**10.1. Reactivity**

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10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

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10.6. Hazardous decomposition products

Such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.



11. TOXICOLOGICAL INFORMATION

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous mixtures Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 15 for details.

11.1. Information on toxicological effects

The preparation is not classified according the Dangerous Preparations Directive 1999/45/EC. 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. The liquid splashed in the eyes may cause irritation and reversible damage.

12. ECOLOGICAL INFORMATION

There are no data available on the mixture itself. Do not allow to enter drains or water courses. See Sections 3 for details. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified as NOT dangerous for the environment.

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Empty containers must be scrapped or reconditioned. The European waste code voor this product is 08.01.12 (or 01.12.14 in flocculated form) according to Directive 2000/532/EC. Contact your local hazardous waste handler for further information.

14. TRANSPORT INFORMATION

Transport within the 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.

This product is NOT classified as dangerous for transport in the meaning of international transport regulations (ADR/RID, IMDG, ICAO/IATA).

14.1. UN number -

14.2. UN proper shipping name -

14.3. Transport hazard class(es) -

14.4. Packing group -

14.5. Environmental hazards -

14.6. Special precautions for user

None

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

