

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

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

Product identifier

Trade name: Opaque Gloss Wood Stain

Article number: 2104

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

No further relevant information available.

Application of the substance / the mixture

Paint
Coating compound/ Surface coating/ paint

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Osmo Holz und Color GmbH & Co. KG
Affhüppen Esch 12
D-48231 Warendorf
Germany

Further information obtainable from:

Product safety department
Tel.: +49 (0) 251 / 692 - 188
Fax: +49 (0) 251 / 692 - 462
e-mail: helmut.starp@osmo.de

Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111
IE: National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

Importer

Importer for UK:
OSMO UK,
Smeaton Close
Unit 24 Anglo Business Park
Aylesbury, Bucks HP19 8UP
Phone: 01296 481 220, www.osmouk.com
United Kingdom

2 Hazards identification

Classification of the substance or mixture

The product is not classified, according to the Globally Harmonised System (GHS).

Additional information:

For the wording of the listed hazard phrases refer to section 16.

Label elements

Hazard pictograms

Void

(Contd. on page 2)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 1)

Signal word	Void
Hazard statements	Void
Precautionary statements	P102 Keep out of reach of children. P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area.
Additional information:	EUH210 Safety data sheet available on request.
Other hazards	Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly. Always wear a dust mask when sanding. Observe the general safety regulations when handling chemicals.
Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable

3 Composition/information on ingredients

Chemical characterisation: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 64742-48-9 EC number: 918-481-9 Reg.nr.: 01-2119457273-39	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 % ----- Asp. Tox. 1, H304	10–25%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether	≤2.5%

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

Description of first aid measures

General information:	Take affected persons out into the fresh air.
After inhalation:	Supply fresh air; consult doctor in case of complaints. In case of unconsciousness place patient stably in side position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

(Contd. on page 3)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 2)

Information for doctor:
**Most important symptoms
and effects, both acute and
delayed**

Dizziness

**Indication of any immediate
medical attention and special
treatment needed**

If swallowed or in case of vomiting, danger of entering the lungs.

5 Firefighting measures

Extinguishing media**Suitable extinguishing****agents:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
**For safety reasons unsuitable
extinguishing agents:**

Water with full jet

**Special hazards arising from
the substance or mixture**

 Formation of toxic gases is possible during heating or in case of fire.
 Carbon monoxide (CO)
 carbon dioxide (CO₂)
Advice for firefighters**Protective equipment:**
 Mouth respiratory protective device.
 Do not inhale explosion gases or combustion gases.
 Wear self-contained respiratory protective device.
 General measures for chemical fires.
Additional information
 Dispose of fire debris and contaminated fire fighting water in accordance with
 official regulations.
 Cool endangered receptacles with water spray.

6 Accidental release measures

**Personal precautions,
protective equipment and
emergency procedures**

 Ensure adequate ventilation
 Keep away from ignition sources.
 Wear protective clothing.
Environmental precautions:
 Inform respective authorities in case of seepage into water course or sewage
 system.
 Do not allow to enter sewers/ surface or ground water.
Methods and material for
containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
 Dispose of the material collected according to regulations.
 Dispose contaminated material as waste according to section 13.
 Ensure adequate ventilation.

(Contd. on page 4)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 3)

Reference to other sections See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

Handling: Even a small sip can lead to life-threatening damage to the lungs. Keep rags filled with this liquid out of the reach of children.

Precautions for safe handling Use only in well ventilated areas.
 Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.

General protective and hygienic measures: Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Do not eat, drink, smoke or sniff while working.
 Do not carry product impregnated cleaning cloths in trouser pockets.

Information about fire - and explosion protection: Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Information about storage in one common storage facility:

Not required

Further information about storage conditions:

Store receptacle in a well ventilated area.
 Keep container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

WEL	Long-term value: 308 mg/m ³ , 50 ppm
Sk	

DNELs

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	36 mg/kgKG/Tag
------	---	----------------

(Contd. on page 5)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 4)

Dermal	DNEL Verbraucher (Langzeit - systemische Effekte)	121 mg/cm ²
Inhalative	Worker (chronic - Systemic health effec)	308 mg/m ³
	DNEL Verbraucher (Lanzeit - systemische Effekte)	37.2 mg/m ³

PNECs**CAS: 34590-94-8 Dipropylene glycol monomethyl ether**

PNEC sea water	1.9 mg/l
PNEC fresh water	19 mg/l
PNEC sediment (fresh water)	70.2 mg/kg
PNEC sediment (sea water)	7.02 mg/kg
PNEC soil	2.74 mg/kg
PNEC sewage treatment plant interrupted release	4,168 mg/l 190 mg/l

Additional information: The lists valid during the making were used as basis.
Exposure controls**Personal protective equipment:****General protective and****hygienic measures:**

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing
 Avoid contact with the eyes and skin.
 Do not inhale gases / fumes / aerosols.
 The usual precautionary measures are to be adhered to when handling chemicals.
 Do not eat, drink, smoke or sniff while working.
 Do not carry product impregnated cleaning cloths in trouser pockets.
 See Section 7 for information on safe handling.

Respiratory protection:

Not necessary if room is well-ventilated.
 Use suitable respiratory protective device only when aerosol or mist is formed.
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
 Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Protection of hands:

Protective gloves
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 As the product is a preparation of several substances, the resistance of the

(Contd. on page 6)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 5)

Penetration time of glove material

glove material can not be calculated in advance and has therefore to be checked prior to the application.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR
 Recommended thickness of the material: ≥ 0.4 mm
 For the mixture the penetration time has to be at least 480 minutes
 (Permeation according to EN 374 Part 3: Level 6).

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

Eye protection:

If risk of splashing:
 Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)
 Tightly sealed goggles

Body protection:

Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information
Appearance:

Form:	Fluid
Colour:	White
Odour:	Mild
Odour threshold:	Not determined

pH-value: Mixture is non-polar/aprotic.

Change in condition

Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	> 180 °C

Flash point: ≥ 65 °C (DIN EN ISO 2719)

Flammability Not applicable

Auto-ignition temperature: 240 °C

Decomposition temperature: Not determined

Ignition temperature: Product is not selfigniting.

(Contd. on page 7)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 6)

Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	7.0 Vol %
Vapour pressure:	Not determined
Density at 20 °C:	1.3 - 1.33 g/cm ³ (DIN 51757)
Relative density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
Dynamic:	Not determined
Solvent content:	
VOC (EC)	<300 g/l
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity	No further relevant information available.
Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Reacts with fabric soaked in the product (e.g. cleaning wool). Reacts with acids, alkalis and oxidising agents.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	Formation of toxic gases is possible during heating or in case of fire. Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)
Additional information:	Warning: Materials impregnated with liquid product, such as cloths, may self-ignite. After use, let the materials to dry completely either spread out flat or in a closed metal container and then dispose of them properly.

(Contd. on page 8)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 7)

11 Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	9,500 mg/kg (rat)
		13,000–14,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (senastrum capricornutum)

Primary irritant effect:

Skin corrosion/irritation

No irritant effect.

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

No irritating effect.

Based on available data, the classification criteria are not met.

Respiratory or skin

sensitisation

Sensitising effect by skin contact is possible by prolonged exposure.

Subacute to chronic toxicity:

Based on available data, the classification criteria are not met.

12 Ecological information

Toxicity

Aquatic toxicity:

CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

EC50 / 48h	>1,000 mg/l (Daphnia magna)
IC50 / 72h	>1,000 mg/l (algae)
LC50 / 96h	>1,000 mg/l (fish)

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

EC50 / 48h	70.2 mg/l
	1,919 mg/l (Daphnia magna)
EC50/ 72h	>969 mg/l (algae)
LC50 / 96h	>10,000 mg/l (aquatic vertebrates - in vivo)

(Contd. on page 9)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 8)

LC50 / 48h	>1,000 mg/l (fish)
	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
	1,919 mg/l (daphnia)
	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

Persistence and degradability No further relevant information available.

Behaviour in environmental systems:
Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:
Behaviour in sewage processing plants:
CAS: 34590-94-8 Dipropylene glycol monomethyl ether
EC50/ 96h 969 mg/l (algae)

Additional ecological information:
General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Results of PBT and vPvB assessment
PBT: Not applicable

vPvB: Not applicable

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods
Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents:

 Solvent naphtha
 Osmo Brush Cleaner and Thinner

14 Transport information

UN-Number
ADR, ADN, IMDG, IATA Not applicable

UN proper shipping name
ADR, ADN, IMDG, IATA Not applicable

(Contd. on page 10)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 9)

Transport hazard class(es)	
ADR, ADN, IMDG, IATA Class	Not applicable
Packing group	
ADR, IMDG, IATA	Not applicable
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN "Model Regulation":	Not applicable

15 Regulatory information

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

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

GHS label elements

Void

Hazard pictograms

Void

Signal word

Void

Hazard statements

Void

Precautionary statements

P102 Keep out of reach of children.
 P262 Do not get in eyes, on skin, or on clothing.
 P271 Use only outdoors or in a well-ventilated area.

Chemical safety assessment

Named dangerous

substances - ANNEX I

None of the ingredients is listed.

Information about limitation of use:

GISBAU-Code

BSL20

(Contd. on page 11)

Safety data sheet

according to UK REACH

Printing date 06.03.2026

Version number 18.1

Revision: 05.03.2026

Trade name: Opaque Gloss Wood Stain

(Contd. of page 10)

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases H304 May be fatal if swallowed and enters airways.

Classification according to

Regulation (EC) No 1272/2008 The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: product safety department

Contact: Hr. Dr. Starp

Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Asp. Tox. 1: Aspiration hazard – Category 1

Sources Safety data sheets from raw material suppliers

ECHA Portal

ESIS : European chemical Substances Information System

*** Data compared to the previous version altered.**