



WOOD FINISHES DIRECT

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For purchasing information visit:
[Osmo Paint Remover Gel](#)

Material Safety Data Sheets
 according to 1907/2006/EC, Article 31

Printing date 10.04.2018

Version number 1

Revision: 10.04.2018

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

1.1 Product identifier

Trade name: **6611 Paint Remover Gel**

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

Application of the substance / the mixture Cleaning agent/ Cleaner

advised against No further relevant information available.

1.3 Details of the supplier of the safety data sheet

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

Further information obtainable from:

Product safety department

1.4 Emergency telephone number:

emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German and English

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

Reacts with acid under evolution of heat. Risk of splashing!

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Caution! Do not use with other products.

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 1310-73-2 EINECS: 215-185-5 Index number: 011-002-00-6 Reg.nr.: 01-2119457892-27	sodium hydroxide	 Skin Corr. 1A, H314;  Acute Tox. 4, H302	≥0.5-≤1%
CAS: 1310-58-3 EINECS: 215-181-3 Index number: 019-002-00-8	potassium hydroxide	 Skin Corr. 1A, H314;  Acute Tox. 4, H302	≥0.5-≤1%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

CAPRYLYL/CAPRYL GLUCOSIDE

<5%

Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.
 Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air.
 In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse mouth.
 Do NOT induce vomiting.
 Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Information for doctor:

alkaline solution (pH <11.5)

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
 Water haze
 Foam
 Carbon dioxide

For safety reasons unsuitable extinguishing agents:

For this mixture there are no extinguishing agent restrictions.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Concentrated product is not flammable.

Protective equipment:

Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
 Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Warm water and cleansing agent
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
 Use neutralising agent.
 Dispose contaminated material as waste according to item 13.

6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Keep receptacles tightly sealed.
 Use only in well ventilated areas.
 Prevent formation of aerosols.

Information about fire - and explosion protection:

No special measures required.

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7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by****storerooms and receptacles:**

Unsuitable material for receptacle: tin or zinc.
 Store only in the original receptacle.

Information about storage in one common storage facility:

Do not store together with acids.

Further information about storage conditions:

Keep container tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.
 Protect from frost.

Storage class:

8 B

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection**Additional information about****design of technical facilities:**

No further data; see item 7.

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:****1310-73-2 sodium hydroxide**WEL | Short-term value: 2 mg/m³**1310-58-3 potassium hydroxide**WEL | Short-term value: 2 mg/m³**Additional information:**

The lists valid during the making were used as basis.

8.2 Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

Do not carry product impregnated cleaning cloths in trouser pockets.
 Wash hands before breaks and at the end of work.
 Do not eat, drink, smoke or sniff while working.
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing
 Avoid contact with the eyes and skin.

Respiratory protection:

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.
 Not necessary if room is well-ventilated.

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

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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 glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material	The breakthrough time must be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6) Recommended thickness of the material: ≥ 0.4 mm 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:	chemical resistant gloves (EN 374) Neoprene gloves Natural rubber, NR PVC gloves Butyl rubber, BR 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)
Body protection:	When transferring or diluting: plastic apron

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Fluid
Colour:	Pale
Odour:	Odourless
Odour threshold:	Not determined.

pH-value at 20 °C:	11.4
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Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	100 °C

Flash point:	Not applicable.
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Flammability (solid, gas):	Not applicable.
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Product is not selfigniting.
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Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density:	Not determined.
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.
Kinematic:	> 30 s (ISO 3mm)
Solvent content:	
VOC (EC)	0.0 g/l
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity	Exothermic dissolution process with water.
10.2 Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions	Strong exothermic reaction with acids.
10.4 Conditions to avoid	Heating above 80 ° C, frost
10.5 Incompatible materials:	Caution! Do not use with other products.
10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
Acute toxicity	Based on available data, the classification criteria are not met.

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LD/LC50 values relevant for classification:**1310-73-2 sodium hydroxide**

Oral | LD50 | 2,000 mg/kg (rat)

1310-58-3 potassium hydroxide

Oral | LD50 | 273 mg/kg (rat)

Primary irritant effect:**Skin corrosion/irritation** Causes skin irritation.**Serious eye damage/irritation** Causes serious eye irritation.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:** In dilution no effect of the biological sewage treatment plant.**Additional ecological information:****AOX-indication:** free**According to the formulation contains the following heavy metals and compounds from the****EU guideline NO. 2006/11/EC:** none**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.

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12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations
13.1 Waste treatment methods

Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 01 21*	waste paint or varnish remover
15 01 02	plastic packaging

Uncleaned packaging:

Recommendation: Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information
14.1 UN-Number

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

UN "Model Regulation":

Void

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SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances -

ANNEX I None of the ingredients is listed.

National regulations:

GISBAU-Code GISCODE: GG40

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

SECTION 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 H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

Department issuing SDS: product safety department

Contact: Hr. Dr. Starp

Abbreviations and acronyms: ADR: Accord européen sur le transport 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
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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