

Safety Data Sheet

according to HPR, Schedule 1

Printing date 11/15/2017

Reviewed on 08/28/2017

1 Identification

1.1 Product identifier

Trade name: **Osmo Liquid Wax Cleaner**

Article number: 3029 clear, 3087 white

Application of the substance / the mixture
 Maintenance product
 Cleaning agent/ Cleaner

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Supplier:
 Osmo Wood and Colour Canada Ltd.
 5515 – 92 ST NW
 Edmonton, Alberta T6E 3A4
 Canada
 Tel: 001 (877) 746 6583
 E-mail: info@osmo.ca

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

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

1.4 Emergency telephone number:

24h-Emergency Phone Number:
 For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or Night within USA and Canada 1-800-424-9300
 Outside USA and Canada 001-703-527-3887 (WISAG FMO cargo Services GmbH & Co.KG)

Importer Osmo Wood and Colour Canada Ltd.
 5515 – 92 ST NW
 Edmonton, Alberta T6E 3A4
 Canada
 Tel: 001 (877) 746 6583
 E-mail: info@osmo.ca

2 Hazard identification

2.1 Classification of the substance or mixture

Classification according to Hazardous Products Regulations

Flam. Liq. 4 H227 Combustible liquid.

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2.2 Label elements**Labelling according to Hazardous****Products Regulations**

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

Hazard pictograms

Void

Signal word

Warning

Hazard statements

H227 Combustible liquid.

Precautionary statements

Keep out of reach of children.

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

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

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Observe the general safety regulations when handling chemicals.

Hazard description:**WHMIS-symbols:**

B3 - Combustible liquid

**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 2

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 2

Reactivity = 0

2.3 Other hazards


Not applicable.

3 Composition/Information on ingredients

3.2 Mixtures**Description:**

Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-48-9	aliphatic hydrocarbons, C10-C13	 Asp. Tox. 1, H304; Flam. Liq. 4, H227	60-100%
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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.

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<i>After inhalation:</i>	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
<i>After skin contact:</i>	In case of unconsciousness place patient stably in side position for transportation.
<i>After eye contact:</i>	Immediately wash with water and soap and rinse thoroughly.
<i>After swallowing:</i>	Rinse opened eye for several minutes under running water. Then consult a doctor. Do not induce vomiting; immediately call for medical help. If swallowed, seek medical advice immediately and show this container or label.
4.2 Most important symptoms and effects, both acute and delayed	No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5 Firefighting measures

5.1 Extinguishing media	
<i>Suitable extinguishing agents:</i>	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<i>For safety reasons unsuitable extinguishing agents:</i>	Water with full jet
5.2 Special hazards arising from the substance or mixture	Formation of toxic gases is possible during heating or in case of fire.
5.3 Advice for firefighters	
<i>Protective equipment:</i>	Mouth respiratory protective device.
<i>Additional information</i>	Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Cool endangered receptacles with water spray.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources
6.2 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.
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).
6.4 Reference to other sections	See Section 13 for disposal information.

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7 Handling and storage

7.1 Precautions for safe handling Keep receptacles tightly sealed.
 Use only in well ventilated areas.
 Keep away from heat and direct sunlight.
 Prevent formation of aerosols.

Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
 Store in a cool location.

Information about storage in one common storage facility: Do not store together with alkalis (caustic solutions).
 Do not store together with oxidizing and acidic materials.

Further information about storage conditions: Keep receptacle tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.

Storage class: 10
7.3 Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

8.2 Exposure controls

Personal protective equipment: General protective and hygienic measures:

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

Breathing equipment: Not necessary if room is well-ventilated.

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Protection of hands:	To avoid skin problems reduce the wearing of gloves to the required minimum.
Material of gloves	Nitrile rubber, NBR
Penetration time of glove material	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 of chemicals mentioned below 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:	Goggles recommended during refilling.
Body protection:	Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Color:	According to product specification
Odor:	Mild

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	180-210 °C

Flash point: ~62 °C (DIN 53213)

Ignition temperature: ~200 °C

Decomposition temperature: Not determined.

Auto igniting: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Explosion limits:

Lower:	0,6 Vol %
Upper:	7,0 Vol %

Vapor pressure at 20 °C: <1 hPa

Density at 20 °C: 0,77-0,80 g/cm³ (DIN 51757)

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Relative density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Insoluble.
Viscosity:	
Dynamic at 23 °C:	~18 mPas (DIN 53214)
Kinematic at 40 °C:	> 20 mm ² /s
9.2 Other information	No further relevant information available.

10 Stability and reactivity

10.1 Reactivity	No further relevant information available.
10.2 Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions	No dangerous reactions known.
10.4 Conditions to avoid	No further relevant information available.
10.5 Incompatible materials:	No further relevant information available.
10.6 Hazardous decomposition products:	No hazardous decomposition products when stored and handled correctly.

11 Toxicological information

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

LD/LC50 values that are relevant for classification:

64742-48-9 aliphatic hydrocarbons, C10-C13

Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	21 mg/l (rat) (OECD 403)

Primary irritant effect:

on the skin:	At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
on the eye:	Based on available data, the classification criteria are not met.
Sensitization:	Based on available data, the classification criteria are not met.

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Additional toxicological information:**Carcinogenic categories****IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

12.1 Toxicity**Aquatic toxicity:****64742-48-9 aliphatic hydrocarbons, C10-C13**

EC50 / 48h	> 1000 mg/l (daphnia) (OECD 202)
EC50/ 72h	> 1000 mg/l (algae) (OECD 201)
LC50 / 96h	> 1000 mg/l (fish) (OECD 203)
Biolog. Abbaubarkeit	(leicht abbaubar)

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.**Additional ecological information:****General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**Recommended cleansing agent:** Solvent naphtha

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14 Transport information

14.1 UN-Number <i>DOT, TDG, ADN, IMDG, IATA</i>	Void
14.2 UN proper shipping name <i>DOT, TDG, ADN, IMDG, IATA</i>	Void
14.3 Transport hazard class(es) <i>DOT, TDG, ADN, IMDG, IATA</i> Class	Void
14.4 Packing group <i>DOT, TDG, IMDG, IATA</i>	Void
14.5 Environmental hazards: <i>Marine pollutant:</i>	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	Void

15 Regulatory information

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

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

Canadian substance listings:

Canadian Domestic Substances List (DSL)

All ingredients are listed.

Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

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15.2 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	H227 Combustible liquid. H304 May be fatal if swallowed and enters airways.
Department issuing SDS:	product safety department
Contact:	Hr. Dr. Starp
Date of preparation / last revision	11/15/2017 / 11
Abbreviations and acronyms:	IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation 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) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative