

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

1 Identification

Product identifier**Trade name:** Brush Cleaner and Thinner**Other means of identification****Article number:** 8000**Application of the substance****/ the mixture** Thinner, Diluent**Details of the supplier of the safety data sheet****Manufacturer/Supplier:****Supplier**

Osmo Wood and Colour Canada Ltd.
420 Thompson Drive - Unit 2
N1T 2K8 Cambridge, ON
Canada
Tel: +1-844-OSMOCAN
E-mail: info@osmo.ca

Manufacturer

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

Information department:

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

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 (CCN 16475)

2 Hazard identification

Classification of the substance or mixture

Flammable liquids – Category 4 H227 Combustible liquid.

Aspiration hazard – Category 1 H304 May be fatal if swallowed and enters airways.

Label elements**Hazard pictograms**

GHS08

Signal word

Danger

Hazard-determining**components of labeling:**

aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2
%

(Contd. on page 2)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 1)

Hazard statements

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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/hearing protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

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

P403 Store in a well-ventilated place.

P405 Store locked up.

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

Information pertaining to particular dangers for man and environment:**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 2

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 0

Fire = 2


Reactivity = 0

Other hazards

Not applicable.

3 Composition/Information on ingredients

Chemical characterization: Substances**Identification number(s)****EC number:** 265-150-3**Index number:** 649-327-00-6**Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 64742-48-9	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %	75-100% w/w *
	 Aspiration hazard – Category 1, H304; Flammable liquids – Category 4, H227	

* Actual concentration ranges are withheld as a trade secret.

(Contd. on page 3)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 2)

Additional information: The product does not contain any bituminous components.

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.

After skin contact:

Generally the product does not irritate the skin.

After eye contact:

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

After swallowing:

If swallowed, seek medical advice immediately and show this container or label.

Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Unconsciousness

Nausea

Dizziness

Headache

Danger

Danger of pneumonia.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Extinguishing media
Suitable extinguishing agents:

Sand

Fire-extinguishing powder

Water haze

Carbon dioxide

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.

Advice for firefighters
Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray.

(Contd. on page 4)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 3)

6 Accidental release measures

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

Ensure adequate ventilation
Keep away from ignition sources

Environmental precautions:

Do not allow to penetrate the ground/soil.
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for

containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Warm water and cleansing agent

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

Precautions for safe handling

Use only in well ventilated areas.
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about protection

against explosions and fires:

Fumes can combine with air to form an explosive mixture.
Highly volatile, flammable constituents are released during processing.
Keep ignition sources away - Do not smoke.

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.

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:

Store away from foodstuffs.
Do not store together with alkalis (caustic solutions).

(Contd. on page 5)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 4)

Further information about storage conditions:

Do not store together with oxidizing and acidic materials.

Protect from heat and direct sunlight.

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Store receptacle in a well ventilated area.

Keep receptacle tightly sealed.

No further relevant information available.

Specific end use(s)

8 Exposure controls/ Personal protection

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.

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

Do not eat, drink, smoke or sniff while working.

Avoid close or long term contact with the skin.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

Do not carry product impregnated cleaning cloths in trouser pockets.

Breathing equipment:

Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Short term filter device:

Protection of hands:

Gas filter EN 14387 Type A (organic gas / vapor (boiling point > 65 ° C)).

Solvent resistant 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

Preventive skin protection by use of skin-protecting agents is recommended.

Material of gloves

Nitrile rubber, NBR

(Contd. on page 6)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 5)

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 16523-1:2015: Level 6).

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

Nitrile rubber, NBR

Not suitable are gloves made of the following materials:

Strong gloves

Eye protection:

Goggles recommended during refilling.

Body protection:

Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information
Physical state

Liquid

Color:

Clear

Odor:

Mild

Odor threshold:

Not determined.

Melting point/Melting range:

-25 °C

Boiling point/Boiling range:

> 180 °C

Explosion limits:
Lower:

0.6 Vol %

Upper:

7.0 Vol %

Flash point:

61-66 °C (DIN EN ISO 2719)

Auto igniting:

240 °C

pH-value:

Not applicable.

Viscosity:
Dynamic:

Not determined.

Solubility in / Miscibility with
Water:

Not miscible or difficult to mix.

Vapor pressure at 0 °C:

1 hPa

Vapor pressure:
Density at 20 °C:
0.787 g/cm³ (DIN 51757)
Particle characteristics

Not applicable.

(Contd. on page 7)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 6)

Other information**Appearance:**
Form: Liquid

Important information on protection of health and environment, and on safety.
Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Solvent content:
VOC content: 85.0 %

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 strong oxidizing agents.

Conditions to avoid

No further relevant information available.

Incompatible materials:

Strong oxidising agents.

Hazardous decomposition products:

 Carbon monoxide and carbon dioxide
 Nitrogen oxides (NO_x)

11 Toxicological information

Information on toxicological effects**Acute toxicity:**
LD/LC50 values that are 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)

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: No irritating effect.

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

Sensitization:

No sensitizing effects known.

(Contd. on page 8)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 7)

Subacute to chronic toxicity: Based on available data, the classification criteria are not met.

Additional toxicological information:

Vapors have narcotic effect.

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

Harmful

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

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)

Persistence and degradability The product is not easily, but potentially biodegradable.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects
Remark: The product is highly volatile.

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

13 Disposal considerations

Waste treatment methods
Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 9)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 8)

Uncleaned packagings:**Recommendation:**

Disposal must be made according to official regulations.

14 Transport information

UN-Number DOT/TDG, ADR, ADN, IMDG, IATA	Not applicable
UN proper shipping name DOT/TDG, ADR, ADN, IMDG, IATA	Not applicable
Transport hazard class(es) DOT/TDG, ADR, ADN, IMDG, IATA Class	Not applicable
Packing group DOT/TDG, ADR, IMDG, IATA	Not applicable
Environmental hazards: Marine pollutant:	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications. UN No: 9003 Description of goods (nat): Substances having flashpoints above 61 °C and above 100 °C (Naphtha (petroleum), heavy, hydrothermally treated) Description (int): Substances having a flash point above 60 °C and less than or equal to 100 °C (Petroleum, heavy, hydrotreated) Class: 9 Number/Label/PG: 80 Container category: N Note: Dangerous goods for carriage by inland waterways only
Special precautions for user	Not applicable.
UN "Model Regulation":	Not applicable

15 Regulatory information

(Contd. on page 10)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 9)

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

No further relevant information available.

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):

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

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.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

GHS08

Signal word

Danger

**Hazard-determining
components of labeling:**

aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %

Hazard statements

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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/hearing protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

(Contd. on page 11)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 11/19/2025

Version number 16.0

Revision: 11/19/2025

Trade name: Brush Cleaner and Thinner

(Contd. of page 10)

P331 Do NOT induce vomiting.

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

P403 Store in a well-ventilated place.

P405 Store locked up.

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

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.

Recommended restriction of use Read carefully and follow all instructions.
Keep out of the reach of children.

Department issuing SDS: product safety department

Contact: Hr. Dr. Starp

Date of previous version 10/27/2021

Version number of previous version: 15.1

Date of preparation 11/19/2025

Abbreviations and acronyms: ICAO: International Civil Aviation Organisation
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
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

Sources Safety data sheets from raw material suppliers
ESIS : European chemical Substances Information System
ECHA Portal

*** Data compared to the previous version altered.** Additions, deletions, revisions