

Safety Data Sheet

according to HPR, Schedule 1

Printing date 06/30/2023

Version 8.3

Reviewed on 06/30/2023

1 Identification

Product identifier
Trade name: Polyx®-Oil Tints

Article number: 3040, 3044, 3067, 3071, 3072, 3073, 3074, 3075

**Application of the substance
/ the mixture**

 Priming
 Coating compound/ Surface coating/ paint

Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Supplier Osmo Wood and Colour Canada Ltd.
 8812 51 Ave NW
 Edmonton AB T6E 5E8
 Canada
 Tel: +1-844-OSMOCAN
 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
 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.

Label elements

Hazard pictograms	Void
Signal word	Warning
Hazard statements	H227 Combustible liquid.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from flames and hot surfaces. – No smoking. P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area.

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

P403 Store in a well-ventilated place.

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

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

Observe the general safety regulations when handling chemicals.

Always wear a dust mask when sanding.

CAUTION: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

3 Composition/Information on ingredients

Chemical characterization: Mixtures
Description: Mixture of the substances listed below with nonhazardous additions.
Dangerous components:

64742-48-9	aliphatic hydrocarbons, C10-C13	25-50% w/w *
	 Aspiration Hazard - Category 1, H304; Flammable Liquids - Category 4, H227	
1333-86-4	Carbon black	<1% w/w
13463-67-7	titanium dioxide - aerodynamic diameter >10 µm	0-<5% w/w *

* Actual concentration ranges are withheld as a trade secret.

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. If symptoms persist, consult a doctor.

After swallowing:

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

Do NOT induce vomiting.

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

 Dizziness
 Headache

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Extinguishing media
Suitable extinguishing agents:

 CO₂, extinguishing 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.

Advice for firefighters**Protective equipment:**

Mouth respiratory protective device.

Additional information
 Cool endangered receptacles with water spray.
 Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

 Ensure adequate ventilation
 Keep away from ignition sources
Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for**containment and cleaning up:**
 Warm water and cleansing agent
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
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.

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7 Handling and storage

Handling:

Precautions for safe handling Use only in well ventilated areas.
Keep receptacles tightly sealed.

Information about protection

against explosions and fires: No special measures required.

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: None.

Storage class: 10

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

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.

Do not carry product impregnated cleaning cloths in trouser pockets.

Breathing equipment:

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.

Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.

Not necessary if room is well-ventilated.

Protection of hands:

To avoid skin problems reduce the wearing of gloves to the required minimum.

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 exact break through 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).

For the permanent contact of a maximum of 15 minutes 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

Information on basic physical and chemical properties**General Information****Appearance:****Form:**

Viscous

Color:

According to product specification

Odor:

Mild

pH-value:

Not applicable.

Change in condition**Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** > 180 °C (365 °F)**Flash point:** > 60 °C (DIN EN ISO 2719)**Auto igniting:**

240 °C

Ignition temperature:

Product is not selfigniting.

Danger of explosion:

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

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Explosion limits:	
Lower:	0.7 Vol %
Upper:	6.0 Vol %
Density at 20 °C:	0.85-0.95 g/cm ³ (DIN 51757)
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	25-40 s (DIN 53211/4mm) >21 mm ² /s (40 °C) (calculated)
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 according to specifications.
Possibility of hazardous reactions	Reacts with fabric soaked in the product (e.g. cleaning wool).
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:	Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)
Additional information:	CAUTION: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

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11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

64742-48-9 aliphatic hydrocarbons, C10-C13

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

13463-67-7 titanium dioxide - aerodynamic diameter >10 µm

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)

1333-86-4 Carbon black

Oral	LD50	>8,000 mg/kg (rat)
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Primary irritant effect:

on the skin: No irritant effect.
Based on available data, the classification criteria are not met.

on the eye: No irritating effect.
Based on available data, the classification criteria are not met.

Sensitization: Sensitizing effect by skin contact is possible with prolonged exposure.

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

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

Carcinogenic categories

IARC (International Agency for Research on Cancer)

13463-67-7	titanium dioxide - aerodynamic diameter >10 µm	2B
1333-86-4	Carbon black	2B

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity:

64742-48-9 aliphatic hydrocarbons, C10-C13

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

Persistence and degradability No further relevant information available.

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

Mobility in soil No further relevant information available.

Additional ecological information:
General notes: Water hazard class 1 (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 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: Water, if necessary with cleansing agents.

14 Transport information

UN-Number DOT/TDG, ADR, ADN, IMDG, IATA	Not applicable
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UN proper shipping name DOT/TDG, ADR, ADN, IMDG, IATA	Not applicable
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Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	Not applicable
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Packing group DOT/TDG, ADR, IMDG, IATA	Not applicable
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Environmental hazards: Marine pollutant:	No
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Special precautions for user	Not applicable.
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Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
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Transport/Additional information:	Not dangerous according to the above specifications.
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UN "Model Regulation":	Not applicable
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15 Regulatory information

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

No further relevant information available.

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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 components have the value ACTIVE.

Canadian substance listings:

Canadian Domestic Substances List (DSL)

All ingredients are listed.

Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is 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 Void

Signal word Warning

Hazard statements H227 Combustible liquid.

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

P102 Keep out of reach of children.

P210 Keep away from flames and hot surfaces. – No smoking.

P262 Do not get in eyes, on skin, or on clothing.

P271 Use only outdoors or in a well-ventilated area.

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

P403 Store in a well-ventilated place.

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.

Department issuing SDS: product safety department

Contact: Hr. Dr. Starp

**Date of the latest revision of
 the safety data sheet** 06/30/2023

Abbreviations and acronyms: 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)
 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
 ECHA Portal
 ESIS : European chemical Substances Information System