Patination Oil

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Issue date: 02/02/2026 *Date of previous issue:* 28/05/2024 *Version:* 3

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Patination Oil
Use: No data available.
Supplier: Premium Roofing Products, Unit B, Bingley Road, Hoddesdon, Hertfordshire, EN11 0NX
TEL: 01992 444100
Email: enquiries@leadsales.co.uk

1.2. Composition/Information on Ingredients

Substance	EC No.	CAS No.	C (%)	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-446-0	N/A	≥70	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Cobalt bis(2-ethylhexanoate)	205-250-6	136-52-7	<1	Eye Irrit. 2, H319 Skin Sense. 1, H317 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Cobalt (2+) propionate	216-333-1	1560-69-6	<1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Repr. 2, H361f Aquatic Acute 1, H400 Aquatic Chronic 2, H411

SECTION 2: Hazards Identification

2.1. Classification of Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Flammable liquids, Category 3, H226.
Specific target organ toxicity – single exposure, Category 3, Narcosis, H336.
Aspiration hazard, Category 1, H304.
Hazardous to the aquatic environment – Chronic hazard, Category 2, H411.
Physicochemical Hazards: Flammable liquid and vapour.
Human Health Hazards: May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Environmental Hazards: Toxic to aquatic life with long lasting effects.

2.2. Label Elements

Hazard Pictograms: GHS02, GHS07, GHS08, GHS09



Signal Word: Danger.

Product Identifiers: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%).
Hazard Statement: H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

2.2.1. Precautionary Statements

Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking,
P271 Use only outdoors or in a well-ventilated area.
Response: P101 If medical advice is needed, have product container or label at hand.
P301, P310 & P331 IF SWALLOWED, immediately call a doctor. Do NOT induce vomiting.
P391 Collect spillage.
Storage: P102 Keep out of reach of children.
Disposal: No data available.
Hazardous Ingredients: No data available.
Supplemental Label Elements: No data available.
Annex XVII – Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Mixtures and Articles: Contains no PBT/vPvB substances ≥0.1%.

2.3. Other Hazards

2.3.1. EUH Statements

EUH066: Repeated exposure may cause skin dryness or cracking.
EUH208: Contains Cobalt bis(2-ethylhexanoate)(136-52-7), Cobalt (2+) propionate(1560-69-6). May produce an allergic reaction.

SECTION 3: First Aid Measures

3.1. Description of First Aid Measures

Call a physician immediately.

First Aid Measures After Inhalation: Remove person to fresh air and keep comfortable for breathing.
First Aid Measures After Skin Contact: Rinse skin with water/shower. Take off immediately all contaminated clothing.
First Aid Measures After Eye Contact: Rinse eyes with water as a precaution.
First Aid Measures After Ingestion: Do not induce vomiting. Call a physician immediately.

3.1.1. Protection of First Aiders

No data available.

3.2. Most Important Symptoms and Effects, Both Acute and Delayed

May cause drowsiness or dizziness.

Symptoms/Effects After Inhalation: May cause respiratory irritation.
Symptoms/Effects After Skin Contact: Repeated exposure may cause skin dryness or cracking.
Symptoms/Effects After Eye Contact: May cause slight irritation.
Symptoms/Effects After Ingestion: Risk of lung oedema.

3.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Antidote: No data available.
Special Treatment: Treat symptomatically.

SECTION 4: Firefighting Measures

4.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry powder, foam, carbon dioxide.
Unsuitable Extinguishing Media: No data available.

4.2. Hazards Arising from the Substance or Mixture

Hazards from the Substance or Mixture: Flammable liquid and vapour.
Hazardous Thermal Decomposition Products: Toxic fumes may be released.

4.3. Advice for Firefighters

Special Protective Actions for Firefighters: Do not attempt to take action without suitable protective equipment.
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and complete protective clothing to prevent contact with skin and eyes.
Additional Information: Not applicable.

SECTION 5: Accidental Release Measures

5.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray.
For Emergency Responders: Do not attempt to take action without suitable protective equipment.

5.2. Environmental Precautions

Avoid release to the environment.

5.3. Methods and Materials for Containment and Cleaning Up

For Containment: Collect spillage.
Methods for Cleaning Up: Take up liquid spill into absorbent material. Shovel or sweep up and put in a closed container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation. Notify authorities if product enters sewers or public waters.
Other Information: Dispose of materials or solid residues at an authorised site.

SECTION 6: Handling and Storage

6.1. Precautions for Safe Handling

Protective Measures: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene Measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

6.2. Conditions for Safe Storage, Including any Incompatibilities

Ground/bond container and receiving equipment. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

6.3. Specific End Use(s)

Building and construction work. Coatings and paints, thinners, paint removers.

SECTION 7: Exposure Controls/Personal Protection

7.1. Control Parameters

Occupational Exposure Limits: No data available.
Recommended Monitoring Procedures: No data available.
Air Contaminants Formed: No data available.
Control Banding: No data available.
DNEL & PNEC: No data available.

7.2. Exposure Controls

Appropriate Engineering Controls: Ensure good ventilation of the workstation.
Thermal Hazards: No data available.
Environmental Exposure Controls: Avoid release to the environment.

7.2.1. Individual Protection Measures

Personal Protective Equipment Symbol(s):



Hygiene Measures: No data available.
Hand Protection: Protective gloves.
Body Protection: Wear suitable protective clothing.
Other Skin Protection: Not applicable.
Eye/Face Protection: Safety glasses.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 8: Physical and Chemical Properties

Physical State: Liquid.
Colour: Brown.
Odour: Characteristic.
Odour Threshold: No data available.
pH: No data available.
Melting Point: Not applicable.
Freezing Point: No data available.
Boiling Point: No data available.
Flash Point: ≈38°C
Evaporation Rate: No data available.
Flammability: No data available.
Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: No data available.
Solubility: No data available.
Particion Coefficient n-octanol/water: No data available.
Auto-Ignition Temperature: No data available.
Decomposition Temperature: No data available.
Viscosity (kinematic): <20.5mm²/s
Viscosity (dynamic): No data available.
Explosive Properties: No data available.
Oxidising Properties: No data available.
Explosive Limits: No data available.
Other Information: No data available.

SECTION 9: Stability and Reactivity

Reactivity: Flammable liquid and vapour.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: No dangerous reactions known under normal conditions of use.
Conditions to Avoid: Avoid contact with hot surfaces, heat, flames, sparks, sources of ignition.
Incompatible Materials: No data available.
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 10: Toxicological Information

10.1. Information on Toxicological Effects

Acute Toxicity:

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	LD50 oral rat	>15000mg/kg
	LD50 dermal rat	>3400mg/kg
	LC50 inhalation – rat	>13100mg/l/4h
Cobalt bis(2-ethylhexanoate) (136-52-7)	LD50 oral rat	354.7mg/kg
Cobalt (2+) propionate (1560-69-6)	LD50 oral rat	354.7mg/kg

Skin Irritation/Corrosion: Not classified.
Serious Eye Damage/Irritation: Not classified.

Respiratory or Skin Sensitisation: Not classified.
Germ Cell Mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive Toxicity: Not classified.
Teratogenicity: No data available.
Specific Target Organ Toxicity (single exposure): May cause drowsiness or dizziness.
Specific Target Organ Toxicity (repeated exposure): Not classified.
Aspiration Hazard: May be fatal if swallowed and enters airways.

10.2. Information on the Likely Routes of Exposure

No data available.

10.3. Potential Acute Health Effects

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

10.4. Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Ingestion: No data available.

10.5. Potential Delayed, Immediate and Chronic Effects from Short- and Long-Term Exposure

10.5.1. Short Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.2. Long Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.3. Potential Chronic Health Effects

No data available.

10.6. Conclusion/Summary

No data available.

SECTION 11: Ecological Information

Toxicity: Toxic to aquatic life with long lasting effects.
Persistence and Degradability: No data available.

Bio accumulative Potential: No data available.
Mobility in Soil: No data available.
Results of PBT and vPvB Assessment: No data available.
Other Adverse Effects: No data available.

SECTION 12: Disposal Considerations

12.1. Waste Treatment Methods

12.1.1. Product

Methods of Disposal: Dispose of contents in accordance with licenses collector's sorting instructions.
Hazardous Waste: No data available.

12.1.2. Packaging

Methods of Disposal: Dispose of container in accordance with licenses collector's sorting instructions
Special Precautions: Flammable vapours may accumulate in the container.

SECTION 13: Transport Information

13.1. Transport Information

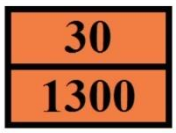
	ADR/RID	IMDG	IATA	ADN
UN Number	1300	1300	1300	1300
UN Proper Shipping Name	Turpentine substitute	Turpentine substitute	Turpentine substitute	Turpentine substitute
Transport Hazard Class(es)	3	3	3	3
Packing Group	III	III	III	III
Environmental Hazards	Dangerous for the environment.	Dangerous for the environment. Marine pollutant.	Dangerous for the environment.	Dangerous for the environment.
Transport document description.	UN 1300 TURPENTINE SUBSTITUTE, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE, 3, III, MARINE POLLUTANT/ ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE, 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE, 3, III, ENVIRONMENTALLY HAZARDOUS

13.2. Special Precautions for User

13.2.1. Overland Transport

Classification Code (ADR): F1
Limited Quantities (ADR): 5l
Excepted Quantities (ADR): E1
Packing Instructions (ADR): P001, IBC03, LP01, R001
Mixed Packing Provisions (ADR): MP19
Portable Tank and Bulk Container Instructions (ADR): T2
Portable Tank and Bulk Container Special Provisions (ADR): TP1
Tank Code (ADR): LGBF
Vehicle for Tank Carriage: FL

Transport Category (ADR): 3
Orange Plates:



Tunnel Restriction Code (ADR): D/E
EAC Code: 3YE

13.2.2. Air Transport

PCA Excepted Quantities (IATA): E1
PCA Limited Quantities (IATA): Y344
PCA Limited Quantity (IATA): 10L
PCA Packing Instructions (IATA): 355
PCA Max Net Quantity (IATA): 60L
CAO Packing Instructions (IATA): 366
CAO Max Net Quantity (IATA): 220L
Special Provisions (IATA): A3
ERG code (IATA): 3L

13.2.3. Inland Waterway Transport

Classification Code (ADN): F1
Limited Quantities (ADN): 5L
Excepted Quantities (ADN): E1
Carriage Permitted (ADN): T
Equipment Required (ADN): PP, EX, A
Ventilation (ADN): VE01
Number of Blue Cones/Lights (ADN): 0

13.2.4. Rail Transport

Classification Code (RID): F1
Limited Quantities (RID): 5L
Excepted Quantities (RID): E1
Packing Instructions (RID): P001, IBC03, LP01, R001
Mixed Packing Provisions (RID): MP19
Portable Tank and Bulk Container Instructions (RID): T2
Portable Tank and Bulk Container Special Provisions (RID): TP1
Tank Codes for RID Tanks (RID): LGBF
Transport Category (RID): 3
Special Provisions for Carriage – Packages (RID): W12
Colis Express (Express Parcels) (RID): CE4
Hazard Identification Number (RID): 30

13.3. Transport in Bulk according to Annex II of MARPOL and the IBC Code

No data available.

SECTION 14: Regulatory Information

14.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

14.1.1. Regulations

REACH Annex XVII (Restriction List): Contains no REACH substances with Annex XVII restrictions.
REACH Annex XIV (Authorisation List): Contains no REACH Annex XIV substances.
REACH Candidate List (SVHC): Contains no substance on the REACH candidate list.
PIC Regulation (Prior Informed Consent): Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
POP Regulation (Persistent Organic Pollutants): Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
Ozone Regulation (1005/2009): Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.
Explosives Precursors Regulation (2019/1148): Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
Drug Precursors Regulation (273/2004): Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors).

14.1.2. Container Information

No data available.

14.1.3. Provisions

No data available.

14.2. Chemical Safety Assessment

No data available.

SECTION 15: Other Information

The contents of this Safety Data Sheet are provided without warranty as to their accuracy or completeness. The supplier accepts no liability for any loss, injury or damage – direct or consequential – to any customer, their employees, or other persons arising from errors or omissions in this sheet, whether negligent or otherwise.

15.1. Abbreviations and Acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
BCF: Bioconcentration factor.
BLV: Biological limit value.
BOD: Biochemical oxygen demand.
COD: Chemical oxygen demand.
DMEL: Derived Minimal Effect Level.
DNEL: Derived-No Effect Level.
EC-No.: European Community number.
EC50: Median effective concentration.

EN: European Standard.
IARC: International Agency for Research on Cancer.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
LC50: Median lethal concentration.
LD50: Median lethal dose.
LOAEL: Lowest Observed Adverse Effect Level.
NOAEC: No-Observed Adverse Effect Concentration.
NOAEL: No-Observed Adverse Effect Level.
NOEC: No-Observed Effect Concentration.
OECD: Organisation for Economic Co-operation and Development.
OEL: Occupational Exposure Limit.
PBT: Persistent Bio accumulative Toxic
PNEC: Predicted No-Effect Concentration.
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail.
SDS: Safety Data Sheet.
STP: Sewage treatment plant.
ThOD: Theoretical oxygen demand.
TLM: Median Tolerance Limit.
VOC: Volatile Organic Compounds.
CAS-No.: Chemical Abstract Service number.
N.O.S.: Not Otherwise Specified.
vPvB: Very Persistent and Very Bio accumulative.
ED: Endocrine disrupting properties

15.2. Full text of H and EUH Statements

Acute Tox. 4 (Inhalation): Acute Toxicity (inhal.), Category 4.
Acute Tox. 4 (Oral): Acute toxicity (oral), Category 4.
Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1.
Aquatic Chronic 2: Hazardous to the aquatic environment – Chronic Hazard, Category 2.
Aquatic Chronic 3: Hazardous to the aquatic environment – Chronic Hazard, Category 3.
Asp. Tox. 1: Aspiration hazard, Category 1.
EUH066: Repeated exposure may cause skin dryness or cracking.
EUH208: Contains Cobalt bis(2-ethylhexanoate)(136-52-7), Cobalt (2+) propionate(1560-69-6). May produce an allergic reaction.
Eye Irrit. 2: Serious eye damage/eye irritation, Category 2.
Flam. Liq. 3: Flammable liquids, Category 3.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child.
H361f: Suspected of damaging fertility.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
Repr. 2: Reproductive toxicity, Category 2.
Skin Sens. 1: Skin sensitisation, Category 1.
Skin Sens. 1A: Skin sensitisation, category 1A.

STOT SE 3: Specific target organ toxicity – single exposure, Category 3, Narcosis.