Safety Data Sheet

according to WHS Regulations

Date of issue: 27.02.2025 Version number 1.0 Revision: 27.02.2025

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

Other means of identification

Trade name: **Greying Stain**

Article number: 1919 Sand Grey, 1920 Lava Grey, 1921 Platinum Grey, 1922 Silk Grey, 1923 Reed Grey, 1924 Patina Grey, 1925 Pearl Grey, 1926 Quartz Grey

Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

Application of the substance / the mixture Paint
Coating compound/ Surface coating/ paint

Details of the supplier of the safety data sheet
Manufacturer/Supplier:

Distributor
Osmo Australia
39 Longford Road
3076 EPPING, Melbourne
Australia
Telephone: 03 9464 4252
Email: info@osmoaustralia.com.au

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

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

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

2 Hazard(s) Identification

Classification of the substance or mixture

Flammable liquids – Category 4 H227 Combustible liquid.

Additional information: For the wording of the listed hazard phrases refer to section 16.

Label elements

GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

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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.
	P273	Avoid release to the environment.
	P280	Wear protective gloves.
	P370+P378	In case of fire: Use CO_2, powder or water spray to extinguish.
	P403	Store in well-ventilated place.
	P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards	Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition) Always wear a dust mask when sanding. Observe the general safety regulations when handling chemicals.	

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition and Information on Ingredients

Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 64742-48-9 EC number: 918-481-9	aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 % Aspiration hazard – Category 1, H304; Flammable liquids – Category 4, H227	25–50%
CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether Flammable liquids – Category 4, H227	2.5-<5%

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CAS: 127519-17-9 ELINCS: 407-000-3 Index number: 607-281-00-4	A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl] propionates Acute toxicity - oral – Category 4, H302	0-<3%
CAS: 55406-53-6 EINECS: 259-627-5 Index number: 616-212-00-7	3-Iodo-2-propynylbutylcarbamate Acute toxicity - inhalation – Category 2, H330; Specific target organ toxicity (repeated exposure) – Category 1, H372; Eye damage/irritation – Category 1, H318; Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315; Skin sensitisation – Category 1, H317; Specific target organ toxicity (single exposure) – Category 3, H335	≥0.025-<1%

SVHC Not applicable.

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 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; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
If skin irritation or rash occurs: Get medical advice/attention.

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.

Information for doctor:

Most important symptoms and effects, both acute and delayed Headache
Dizziness

Indication of any immediate medical attention and special treatment needed If swallowed or in case of vomiting, danger of entering the lungs.

5 Fire Fighting Measures

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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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. Carbon monoxide (CO) carbon dioxide (CO2)
Protective equipment:	Mouth respiratory protective device. Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device. General measures for chemical fires.
Additional information	Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Cool endangered receptacles with water spray.

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation Keep away from ignition sources. Wear protective clothing.
For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training.
For emergency responders	Wear protective equipment. Keep unprotected persons away.
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.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Dispose of the material collected according to regulations. Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
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

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.
Precautions for safe handling	Use only in well ventilated areas. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

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Prevent formation of aerosols.
Avoid contact with skin and eyes.

General protective and hygienic measures: Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.

Information about fire - and explosion protection: Keep respiratory protective device available.

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: Store receptacle in a well ventilated area.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Storage class: 10

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

8 Exposure controls and personal protection

Ingredients with limit values that require monitoring at the workplace:

34590-94-8 Dipropylene glycol monomethyl ether

WES	Long-term value: 308 mg/m³, 50 ppm Sk

DNELs

34590-94-8 Dipropylene glycol monomethyl ether

Oral	DNEL Verbraucher (Langzeit - systemische Effekte)	36 mg/kgKG/Tag
Dermal	DNEL Verbraucher (Langzeit - systemische Effekte)	121 mg/cm²
Inhalative	Worker (chronic - Systemic health effec)	308 mg/m³
	DNEL Verbraucher (Lanzeit - systemische Effekte)	37.2 mg/m³

PNECs

34590-94-8 Dipropylene glycol monomethyl ether

PNEC sea water	1.9 mg/l
PNEC fresh water	19 mg/l
PNEC sediment (fresh water)	70.2 mg/kg
PNEC sediment (sea water)	7.02 mg/kg
PNEC soil	2.74 mg/kg

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PNEC sewage treatment plant	4,168 mg/l
interrupted release	190 mg/l

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

Personal protective equipment:

General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
The usual precautionary measures are to be adhered to when handling chemicals.
Do not eat, drink, smoke or sniff while working.
Do not carry product impregnated cleaning cloths in trouser pockets.
See Section 7 for information on safe handling.

Respiratory protection:
Use suitable respiratory protective device only when aerosol or mist is formed.
Not necessary if room is well-ventilated.
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.
Half mask with round thread connection EN 148-1 (screw-on filter) and combination filter A1 - P2 according to German DIN EN 14387.
Use a properly fitted, air-purifying or air-fed repirator complying with an approved standard if a risk assessment indicates this is necessary.

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

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 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 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

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Eye protection: Tightly sealed goggles
Body protection: Protective work clothing

9 Physical and Chemical Properties

General Information
Appearance:
Form:
Fluid
Colour:
According to product specification
Odour threshold: Not determined.
pH-value: Mixture is non-polar/aprotic.
Change in condition
Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: ≥170–≤260 °C (64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %)
Flash point: > 60 °C (DIN EN ISO 2719)
Flammability Not applicable.
Auto-ignition temperature: >200 °C (64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %)
Decomposition temperature: Not determined.
Ignition temperature: Product is not selfigniting.
Explosive properties: Product does not present an explosion hazard.
Explosion limits:
Lower: ≥0.7 Vol %
Upper: ≤6 Vol %
Vapour pressure at 25 °C: ≤0.6 hPa (64742-48-9 aliphatic hydrocarbons, C10-C13 n-alkanes, i-alkanes, cyclics, aromatics < 2 %)
Density at 20 °C: 0.975–1.03 g/cm³ (DIN 51757)
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.

Other information
Particle characteristics Not applicable.

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Physical state	Liquid

10 Stability and Reactivity

Reactivity No further relevant information available.

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

Possibility of hazardous reactions Reacts with fabric soaked in the product (e.g. cleaning wool).
Reacts with acids, alkalis and oxidising agents.

Conditions to avoid Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)
Formation of toxic gases is possible during heating or in case of fire.

Additional information: Warning:
Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

11 Toxicological Information

Information on toxicological effects

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

LD/LC50 values relevant for classification:		
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)
34590-94-8 Dipropylene glycol monomethyl ether		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>19,020 mg/kg (rat)
		13,000–14,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (selenastrum capricornutum)
55406-53-6 3-Iodo-2-propynylbutylcarbamate		
Oral	LD50	500 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

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Inhalative	LC50 / 4h	0.67 mg/l (rat) (OECD 403 Acute Inhalation Toxicity)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

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

12 Ecological Information

Toxicity

Aquatic toxicity:	
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)
34590-94-8 Dipropylene glycol monomethyl ether	
EC50 / 48h	70.2 mg/l
	1,919 mg/l (Daphnia magna)
LC50 / 96h	5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
LC50 / 48h	10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))
127519-17-9 A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl]propionates	
EC50 / 48h	3.2 mg/l (Daphnia magna) (24h EC 50 acute immobilisation test)
Bioconceived factor	<3 (Flow-through fish test)
55406-53-6 3-Iodo-2-propynylbutylcarbamate	
EC50 / 48h	0.16 mg/l (Daphnia magna)
EC50/ 72h	0.022 mg/l (algae)

Persistence and degradability No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

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Ecotoxical effects:

Remark: Harmful to aquatic life with long lasting effects.
Harmful to fish

Behaviour in sewage processing plants:	
55406-53-6 3-Iodo-2-propynylbutylcarbamate	
EC50/ 96h	0.067 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

Additional ecological information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Harmful to aquatic organisms

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 together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Solvent naphtha
Osmo Brush Cleaner and Thinner

14 Transport information

UN-Number	
ADG, IMDG, IATA	Not applicable
UN proper shipping name	
ADG, IMDG, IATA	Not applicable
Transport hazard class(es)	
ADG, ADN, IMDG, IATA	
Class	Not applicable
Packing group	
ADG, IMDG, IATA	Not applicable

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Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
UN "Model Regulation":	Not applicable

15 Regulatory information

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

Australian Inventory of Industrial Chemicals

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons

55406-53-6	3-Iodo-2-propynylbutylcarbamate	S5, S6

Australia: Priority Existing Chemicals

None of the ingredients is listed.

GHS label elements The product is classified and labelled according to the Globally Harmonised 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.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P370+P378	In case of fire: Use CO_2, powder or water spray to extinguish.
P403	Store in well-ventilated place.
P501	Dispose of contents/container in accordance with local/regional/ national/international regulations.

Directive 2012/18/EU Named dangerous substances - ANNEX I None of the ingredients is listed.

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National regulations:

Other regulations, limitations and prohibitive regulations

Marking in accordance with biocide guideline 98/8/EG		
55406-53-6	3-Iodo-2-propynylbutylcarbamate	<1 g/kg

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.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure.

Department issuing SDS: product safety department
Contact: Hr. Dr. Starp
Abbreviations and acronyms: ADR: Accord relatif au transport international 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
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)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flammable liquids – Category 4: Flammable liquids – Category 4
Acute toxicity - oral – Category 4: Acute toxicity – Category 4
Acute toxicity - inhalation – Category 2: Acute toxicity – Category 2
Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2
Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1
Skin sensitisation – Category 1: Skin sensitisation – Category 1
Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3
Specific target organ toxicity (repeated exposure) – Category 1: Specific target organ toxicity (repeated exposure) – Category 1
Aspiration hazard – Category 1: Aspiration hazard – Category 1

Sources ESIS : European chemical Substances Information System

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ECHA Portal
Safety data sheets from raw material suppliers

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

Additions, Deletions, Revisions
Updated according to regulation (EU) 2020/878 amending regulation (EC) No: 1907/2006 (REACH)