

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name:**Osmo Country Color****Article number:**
 2101 White, 2203 Light Ochre, 2204 Ivory, 2205 Sunflower Yellow, 2308 Nordic Red,
 2310 Cedar/Redwood, 2311 Signal Red, 2404 Fir Green, 2501 Labraodor Blue, 2506
 Royal Blue, 2507 Dove Blue, 2606 Medium Brown, 2607 Dark Brown, 2703
 Charcoal, 2704 Dusk Grey, 2708 Pebble Grey, 2735 Light Grey, 2742 Traffic Grey

**1.2 Relevant identified uses of the
 substance or mixture and uses
 advised against**

No further relevant information available.

**Application of the substance / the
 mixture**

 Coating compound/ Surface coating/ paint
 Paint

1.3 Details of the supplier of the safety data sheet

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

**Further information obtainable
 from:**

 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:**

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to**Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

Classification according to
**Directive 67/548/EEC or Directive
 1999/45/EC**

Not applicable.

Information concerning
**particular hazards for human and
 environment:**

 The product does not have to be labelled due to the calculation procedure of the
 "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system:
 The classification is according to the latest editions of the EU-lists and extended by
 company and literature data.

2.2 Label elements

Labelling according to Regulation**(EC) No 1272/2008**

Void

Hazard pictograms

Void

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 1)

Signal word	Void
Hazard statements	Void
Precautionary statements	Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed. If medical advice is needed, have product container or label at hand. Keep out of reach of children. P271 Use only outdoors or in a well-ventilated area. P262 Do not get in eyes, on skin, or on clothing. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Additional information:	Observe the general safety regulations when handling chemicals. Always wear a dust mask when sanding. Contains 2-butanonoxime. May produce an allergic reaction.
Information concerning particular hazards for human and environment:	Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)
2.3 Other hazards	
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64742-48-9 EC number: 918-481-9 Index number: 649-327-00-6 Reg.nr.: 01-2119457273-39	aliphatic hydrocarbons, C10-C13	 Xn R65  R66  Asp. Tox. 1, H304	25-50%
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Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	Immediately remove any clothing soiled by the product.
After inhalation:	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
After skin contact:	In case of unconsciousness place patient stably in side position for transportation. Immediately wash with water and soap and rinse thoroughly.
After eye contact:	If skin irritation continues, consult a doctor.
	Rinse opened eye for several minutes under running water. Then consult a doctor.

(Contd. on page 3)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 2)

After swallowing:

If swallowed, seek medical advice immediately and show this container or label.
 Induce vomiting only, if affected person is fully conscious.

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media**Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

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**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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.
 Ensure adequate ventilation

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 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.
 Keep away from heat and direct sunlight.
 Use only in well ventilated areas.

(Contd. on page 4)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 3)

Information about fire - and explosion protection: Prevent formation of aerosols.
 Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

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

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

Further information about storage conditions: Keep container tightly sealed.
 Store receptacle in a well ventilated area.
 Protect from frost.
 Protect from heat and direct sunlight.

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

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

64742-48-9 aliphatic hydrocarbons, C10-C13

TWA (8 H)	Long-term value: 1.000 mg/m ³ , 150 ppm ppm Source: UK SIA
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Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

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

Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed.
 Not necessary if room is well-ventilated.
 Short term filter device:

Filter A/P2

Protection of hands: Protective gloves

(Contd. on page 5)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 4)

	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	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:	If risk of splashing: Safety glasses according to EN 166:2001 (e.g. densely closing frame glasses with side protection)
Body protection:	Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	According to product specification
Odour:	Mild

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 180 °C (DIN 51751)

Flash point:	≥ 63 °C (DIN 53213)
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Ignition temperature:	240 °C
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Self-igniting:	Product is not selfigniting.
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Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
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Explosion limits:

Lower:	0.6 Vol %
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(Contd. on page 6)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 5)

Upper:	7.0 Vol %
Vapour pressure:	3 hPa [20 °C]
Density at 20 °C:	1.05 - 1.30 g/cm ³ (DIN 51757)
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	40-80 s (DIN 53211/4) >21 mm ² /s (40 °C)
Solvent separation test:	< 3 % (ADR 2.2.1.4f)
Solvent content:	
VOC (EC)	< 400 g/l (VOC-max. = 400 g/l (2010 A/e))
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity
10.1 Reactivity**10.2 Chemical stability**
**Thermal decomposition /
 conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous
 reactions**

 Reacts with fabric soaked in the product (e.g. cleaning wool).
 Reacts with acids, alkalis and oxidising agents.
10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

**10.6 Hazardous decomposition
 products:**

 Formation of toxic gases is possible during heating or in case of fire.
 Carbon monoxide and carbon dioxide
 Nitrogen oxides (NO_x)
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)

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 6)

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values 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	> 5 mg/l (rat) (OECD 403)

96-29-7 2-butanonoxime

Oral	LD50	3700 mg/kg (rat)
Dermal	LD50	200-2000 mg/kg (rat)
Inhalative	LC50 / 4h	>10.5 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: not tested

Sensitisation: No sensitising effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Sensitisation Contains 2-butanonoxime. May produce an allergic reaction.

SECTION 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)

96-29-7 2-butanonoxime

EC50 / 48h	201 mg/l (daphnia)
IC50 / 72h	11.8 mg/l (algae)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

(Contd. on page 8)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 7)

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment**PBT:**

Not applicable.

vPvB:

Not applicable.

12.6 Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
15 01 10	packaging containing residues of or contaminated by dangerous substances

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:**Marine pollutant:**

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.

(Contd. on page 9)

Safety data sheet
 according to 1907/2006/EC, Article 31

Printing date 26.02.2015

Version number 22

Revision: 26.02.2015

Trade name: Osmo Country Color

(Contd. of page 8)

Transport/Additional information:	Not dangerous according to the above specifications.
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UN "Model Regulation":	-
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SECTION 15: Regulatory information

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

National regulations:

VOC (EC) < 400 g/l (VOC-max. = 400 g/l (2010 A/e))

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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

H304 May be fatal if swallowed and enters airways.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Department issuing MSDS:

product safety department

Contact:

Hr. Dr. Starp

Abbreviations and acronyms:

ADR: Accord européen sur le transport 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

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

