



The following technical datasheet is provided by Osmo.

For further information please either give us a call or visit the manufacturer's website.

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All information is correct at the time of download from the manufacturer.

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Registered in England under Company No: 03746590 VAT No: 765 9995 45

OSMO UK - GAP SEALER

01 DESCRIPTION

OSMO UK - GAP SEALER is a single component acrylic sealant.

02 PROPERTIES

- Very easy application to provide
- Applies pink dries white
- Form permanently water repellent layer after curing.
- Resistant to air conditions, stay elastic a long time after curing.
- Paintable, contains no oil and does not effect on surface which is used acrylic sealant.

03 APPLICATIONS

- Expanding fuga between prefabricate construction element.
- Assembly wood, PVC, iron and aliminium joinery.
- Joints in stone, wood, concrete, plaster and brick works etc.
- Sealing of window and door frame to masonry.

04 INSTRUCTIONS

The joints must be clean and free from dust, grease and rust. No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts of water) can be applied. Min/max joint width must be 5mm/25mm. The recommended joint depth/width ratio is 1 to 2. Application temperature is between +5 °C and +40 °C. Immediately after the application, smooth the sealant at once with wet finger or a wet tool. Excess sealant can be removed by a wet cloth. Keep the sealed joint dry at least for two hours. Cured sealant can be removed mechanically.

- Product dried within 1 hour for finishing.
- Product fully cured after 24 hours for sanding .
- Coverage: based on 3mm gaps a 310ml tube will fill in excess of 30 linear metres

05 PACKAGING

COLOUR	UNIT SIZE	BOX QTY
White RAL 9010	310ml	24
Pine/Spruce RAL 1001	310ml	24
Light Oak RAL 1002	310ml	24
Med Oak RAL 8001	310ml	24
Dark Oak RAL 8024	310ml	24
Red Wood RAL 8012	310ml	24
Walnut RAL 8007	310ml	24
Grey RAL 7035	310ml	24
Black RAL 8022	310ml	24

06 STORAGE AND SHELF LIFE

18 months if stored properly.

07 RESTRICTIONS

- Should not be used for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

08 TECHNICAL PROPERTIES

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7,5-9	
Specific gravity	: 1,62 ± 0,03 gr/cm ³	(ASTM D 792)
Tack-Free time	: 15-60 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)	
Shore A hardness	: 40-70 Shore A	
Volume shrinkage	: %29	(ASTM D 412)
Weight loss	: %18	
Elongation	: >%100	
Modulus 100 % elongation	: ≥0,20 Mpa	
Max. tensile strenght	: ≥ 0,30 Mpa	
Tensile strenght	: ≥ 0,10 Mpa	
Temperature resistance	: -10 °C to +80 °C	
Application Temperature	: +5 °C to +40 °C	

OSMO UK - GAP SEALER

01 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Name : OSMO UK GAP SEALER
Company : Woodex Ltd t/a Osmo UK.
Address : Unit 24 Anglo Business Park, Smeaton Close, Aylesbury, Bucks, HP19 8UP
Emergency Phone Number : Tel.: +90 212 771 13 71 (pbx) (between 8.30 am - 5.30pm Mon – Fri) Fax: +90 212 771 49 39
Mail/Web : info@osmouk.com www.osmouk.com
Non-Emergency Tel. No. Tel.: +44 1296 481 220 Fax: +44 1296 424 090

02 HAZARDS IDENTIFICATION

2.1 Hazard description: Not applicable.

2.2 Information concerning particular hazards for human and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.3 Label elements (Labelling according to EEC Directive)

Safety Phrases

S24 Avoid contact with skin.

S51 Use only in well-ventilated areas.

2.4 Classification of the GHS

(Annex VI to Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Dangerous Substances)

03 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Description: Mixture of substances listed below with nonhazardous additions.

3.2 Dangerous components: Void.

3.3 Additional information: For the wording of the listed risk phrases refer to section 15.

04 FIRST AID MEASURES

4.1 General information: No special measures required.

4.2 After inhalation: Supply fresh air; consult doctor in case of complaints.

4.3 After skin contact: If skin irritation continues, consult a doctor.

4.4 After eye contact: Rinse opened eye for several minutes under running water.

4.5 After swallowing: If symptoms persist consult doctor.

05 FIRE FIGHTING MEASURES

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

5.2 Protective equipment: Mouth respiratory protective device.

06 ACCIDENTAL RELEASE MEASURES

- 6.1 Person-related safety precautions:** Ensure adequate ventilation.
- 6.2 Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- 6.3 Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, universal binders, and sawdust).
- 6.4 Additional information:** No dangerous substances are released.

07 HANDLING AND STORAGE

7.1 Handling

- 7.1.1 Information for safe handling:** Use only in well ventilated areas.
- 7.1.2 Information about fire - and explosion protection:** No special measures required.

7.2 Storage

- 7.2.1 Requirements to be met by storerooms and receptacles:** No special requirements.
- 7.2.2 Information about storage in one common storage facility:** Not required.
- 7.2.3 Further information about storage conditions:** None.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Personal protection equipment:

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place
- Avoid contact with eyes and skin
- Use barrier skin cream
- Remove soiled or soaked clothing immediately
- Do not eat, drink or smoke during work time
- Wash hands before breaks and after work

8.2 Hand protection:

- Butyl rubber/nitrile rubber gloves

8.3 Eye protection:

- Safety glasses

8.4 Additional Information: Wash hands before eating, drinking, smoking and using the toilet.

09 PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Form : Paste

Odour : Characteristic

Colour :

Explosive properties : No

Specific Gravity : $1,62 \pm 0,03 \text{ gr/cm}^3$

pH : 8,5-9,5

Oxidizing properties : No

Stability: Stable under normal usage conditions.

10 STABILITY AND REACTIVITY

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

10.2 Dangerous reactions: No dangerous reactions known.

10.3 Dangerous decomposition products: No dangerous reactions known.

11 TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

11.2 Primary irritant effect

11.2.1 On the skin: No irritant effect.

11.2.2 On the eye: No irritant effect.

11.2.3 On ingestion: No irritant effect.

11.2.4 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.

12 ECOLOGICAL INFORMATION

12.1 Environmental fate and distribution:

Solid material, insoluble in water. No adverse effects are predicted.

12.2 Ecotoxicity effects:

No adverse effects on aquatic organisms are predicted.

12.3 Bioaccumulation: No bioaccumulation potential.

12.4 Fate and effects in waste water treatment plants:

No adverse effects on bacteria are predicted.

13 DISPOSAL CONSIDERATIONS

13.1 Product disposal: Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

13.2 Packaging disposal: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14 TRANSPORT INFORMATION

ADR

This material is not classified as dangerous under ADR regulations.

RID

This material is not classified as dangerous under RID regulations.

IMDG

This material is not classified as dangerous under IMDG regulations.

IATA

This material is not classified as dangerous under IATA regulations.

15 REGULATORY INFORMATION

15.1 Labeling according to EU guidelines:

Hazard description: Not applicable.

No hazard classification according to Directive CLP and 1999/45/EC

15.2 Special labeling of certain preparations:

Safety data sheet available for professional user on request.

SAFETY DATA SHEET

(SDS) According to EC Regulation 1907/2006/EC and Subsequent Amendments



Revision Date and No: 05/02/2014 – GBF: 608

16 OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. The company supplying entity shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

Department issuing SDS: Product safety department.

Contact: Product safety department info@osmouk.com

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