



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 2015/830

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

1.1. Product identifier

Product Name UltraGrip L244

1.2. Relevant identified uses of the substance of mixture and uses advised against

Identified Uses Cycleway markings
Uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier Meon Ltd.
Railside
Northharbour Spur
Portsmouth
PO6 3TU
+44 (0) 23 9220 0606
mail@meonuk.com

1.4. Emergency Telephone Number

Emergency telephone +44 (0) 808 118 1922

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Signal word

Danger

Hazard statements

H225 - Highly flammable liquid and vapour

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Precautionary statements	H315 - Causes skin irritation H317 - May cause an allergic skin reaction P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P280 - Wear protective gloves and eye/face protection. P370+P378 - In case of fire: Use extinguishing powder or sand to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool
Hazard components for labelling	Methyl methacrylate 2-ethylhexyl acrylate
Supplemental Hazard information (EU)	Not applicable

2.3. Other hazards

Other hazards	No information available
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SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Designation // Remark	Identification	Classification (EC) 1272/2008 [CLP]	Wt %
Quarzsand A 0.7-1.2 mm	CAS No. : 14808-60-7 EC-No. : 238-878-4		25 - 50
Dorsilit Nr. 9 FG 0.1-0.5 Quarzsand	CAS No. : 14808-60-7 EC-No. : 238-878-4		12.5 - 20
Methyl methacrylate	CAS No. : 80-62-6 EC-No. : 201-297-1 Index-No. : 607-035-00-6 REACH No. : 01-2119452498-28-XXXX	Flam. Liq. 2 H225 STOT SE 3 H335 Skin Irrit. 2 H315 Skin Sens. 1; H317	10 - 12.5
2-ethylhexyl acrylate	CAS No. : 103-11-7 EC-No. : 203-080-7 Index-No. : 607-107-00-7 REACH No. : 01-2119453158-37-XXXX	Skin Irrit. 2 H315 Skin Sens. 1 H317 STOT SE 3 H335	5 - 10
2,2-Ethylendioxydiethylmethacrylate	CAS No. : 109-16-0 EC-No. : 203-652-6 REACH No. : 01-2119969287-21-XXXX	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335	1 - 2.5

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.
Inhalation	Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

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Skin contact	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Suitable extinguishing media	alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)
Unsuitable extinguishing media	strong water jet

5.2. Special hazards arising from the substance or mixture

Fire hazard	Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.
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5.3. Advice for firefighters

Advice for firefighters	Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Precautions	Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.
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6.2. Environmental precautions

Environmental precautions	Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see Section 13). Clean using cleansing agents. Do not use solvents.
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6.4. Reference to other sections

Reference to other sections	Observe protective provisions (see Section 7 and 8).
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SECTION 7: Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions on safe handling

Advices on safe handling	Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing
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including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 10 °C and 25 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

Quarzsand A 0.7-1.2 mm

EC No. 238-878-4 / CAS No. 14808-60-7

WEL, TWA: 0.1 mg/m³

Remark: (Silica,crystalline; respirable fraction)

Dorsilit Nr. 9 FG 0.1-0.5 Quarzsand

EC No. 238-878-4 / CAS No. 14808-60-7

WEL, TWA: 0.1 mg/m³

Remark: (Silica,crystalline; respirable fraction)

Methyl methacrylate

INDEX No. 607-035-00-6 / EC No. 201-297-1 / CAS No. 80-62-6

WEL, TWA: 208 mg/m³; 50 ppm

WEL, STEL: 416 mg/m³; 100 ppm

Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

8.2. Exposure controls

General

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according

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	GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.
Hand protection	For prolonged or repeated handling the following glove material must be used: CR (polychloroprene, chloroprene rubber) Thickness of the glove material > 0.4 mm; Breakthrough time (maximum wearing time) > 480 min. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374 Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.
Eye/face protection	Wear closely fitting protective glasses in case of splashes.
Body protection	Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.
Protective measures	After contact clean skin thoroughly with water and soap or use appropriate cleanser.
Environmental exposure controls	Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Refer to label
Odour	Characteristic
Odour threshold	Not applicable
pH at 20 °C	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	10 °C; Method: DIN 53213
Evaporation rate	Not applicable
Flammability	
<i>Burning time (s)</i>	Not applicable
Upper/lower flammability or explosive limits	
<i>Lower explosion limit</i>	0.8 Vol-%
<i>Upper explosion limit</i>	Not applicable
Vapour pressure at 20 °C	Not applicable
Vapour density	Not applicable
Relative density at 20 °C	1.81 g/cm ³
Solubility	
<i>Water solubility (g/L) at 20 °C</i>	insoluble
Partition coefficient: n-octanol/water	see Section 12
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity at 20 °C	50 s 6 mm; Method: DIN 53211
Explosive properties	Not applicable
Oxidising properties	Not applicable

9.2. Other information

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Solid content (%)	100 Wt %
Solvent content	
<i>Organic solvents</i>	0 Wt %
<i>Water</i>	0 Wt %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to Section 7.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Conditions to avoid Hazardous decomposition by-products may form with exposure to high temperatures.

10.5. Incompatible materials

Materials to avoid Not applicable

10.6. Hazardous decomposition products

Hazardous decomposition products Hazardous decomposition by-products may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

No data on preparation itself available.

11.1. Information on toxicological effects

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

Skin corrosion/irritation; Serious eye damage/eye irritation Causes skin irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Based on available data, the classification criteria are not met.

STOT-single exposure; 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.

Practical experience/human evidence

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself.

Do not allow to enter into surface water or drains.

12.1. Toxicity

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

12.2. Persistence and degradability

Persistence and degradability Toxicological data are not available.

12.3. Bioaccumulative potential

Bioaccumulative potential Toxicological data are not available.

12.4. Mobility in soil

Mobility in soil Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080111*

Waste paint and varnish containing organic solvents or other dangerous substances
*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for Air Transport.

14.1. UN number

UN number UN 1263

14.2. UN proper shipping name

ADR/RID Paint
IMDG PAINT
IATA-DGR / ICAO-TI Paint

14.3. Transport hazard class(es)

Transport hazard class(es) 3

14.4. Packing group

ADR III
for packages > 450 litres II
IMDG II

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IATA-DGR / ICAO-TI II

14.5. Environmental hazards

ADR/RID Not applicable
Marine pollutant Not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

ADR/RID
tunnel restriction code E
for packages > 450 litres D/E
IMDG
EmS-No. F-E, S-E
IATA-DGR / ICAO-TI

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

SECTION 15: Regulatory information

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

EU legislation

Directive 2010/75/EU on VOC-value (in g/L): 2
industrial emissions

National regulations

Restrictions of occupation Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

15.2. Chemical safety assessment

EC No. CAS No.	Designation	REACH No.
201-297-1 80-62-6	Methyl methacrylate	01-2119452498-28-XXXX

SECTION 16: Other information

Full text of classification in section 3

Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
STOT SE 3 / H335	STOT-single exposure	May cause respiratory irritation.
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.

Classification procedure

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 2	Flammable liquids	On basis of test data.
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Skin Irrit. 2 / H315
Skin Sens. 1 / H317

Skin corrosion/irritation
Respiratory or skin sensitisation

Calculation method.
Calculation method.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative
Further information	Classification according to Regulation (EC) No 1272/2008 [CLP]

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.