

SAFETY DATA SHEET
Polycraft 240 Liquid Wax Release

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Compilation date:
01/03/2014 Revision No: 1

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

1.1. Product identifier

Product name: Polycraft 240 Liquid Wax Release

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3. Details of the supplier of the safety data sheet

Company name: MB Fibreglass

Unit 17 & 20 Abbey Business Park
Mill Road
Newtownabbey
Co. Antrim
BT36 7EE

Tel: 02890 861992
Email: sales@mbfg.co.uk

1.4. Emergency telephone number

Emergency tel: 02890 861992
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: -: R10; -: R52/53; Xn: R65; -: R66; -: R67

Classification under CLP: STOT SE 3: H336; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226;
-: EUH066

Most important adverse effects: Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

[cont...]

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Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard



Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P311: Call a POISON CENTER or doctor.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R10: Flammable.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

[cont...]

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ALIPHATIC HYDROCARBON

| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|-----------|-----|---|--|---------|
| 927-241-2 | - | -: R10; -: R52/53; Xn: R65; -: R66; -: R67 | Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 3: H412; -: EUH066 | >90% |

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact. This product will remove natural oils from the skin. This may result in dryness and cracking.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. Low toxicity if swallowed. The main hazard is aspiration if this product is vomited after ingestion.

Inhalation: Drowsiness or mental confusion may occur.

Delayed / immediate effects: Immediate effects can be expected after long-term exposure. Drowsiness or mental confusion may occur.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Water fog. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Cool endangered receptacles with waterspray.

Section 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition. Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spill with bunding, socks or suitable absorbents to minimise the spread of liquid.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with dry sand, earth, vermiculite or proprietary absorbent. Dispose of absorbed material in accordance with regulations.

6.4. Reference to other sections

Reference to other sections: Refer to section 7 of SDS. Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid breathing vapour, spray or aerosol. Avoid prolonged or repeated contact with skin

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): Use as a liquid wax release agent for polyurethane moulding.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

RL247 RELEASE AGENT

| Type | Exposure | Value | Population | Effect |
|------|------------|-----------------------|------------|----------|
| DNEL | Dermal | 300mg/kg/d | Workers | Systemic |
| DNEL | Inhalation | 1500mg/m ³ | Workers | Systemic |
| DNEL | Dermal | 300mg/kg/d | Consumers | Systemic |

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter. For periods of intensive use or prolonged exposure time, self contained respiratory protection must be used.

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Hand protection: Butyl gloves. Nitrile gloves. Neoprene gloves. Breakthrough time of the glove material > 4 hours.

Eye protection: Safety glasses with side-shields. Safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: White

Odour: Characteristic odour

Evaporation rate: Not determined

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not miscible

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Kinematic viscosity: 0.91

Viscosity test method: Not available

Boiling point/range°C: 130 - 175

Melting point/range°C: < -30

Flammability limits %: lower: 0.8

upper: 6

Flash point°C: 27

Part.coeff. n-octanol/water: 4-5.7 logPOW

Autoflammability°C: 287

Vapour pressure: 10 hPa

Relative density: 0.75

pH: Not applicable

VOC g/l: 745

9.2. Other information

Other information: No further information available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Will react with strong oxidising agents.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

[cont...]

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10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

| Route | Species | Test | Value | Units |
|---------|---------|---------|-------|-------|
| ORAL | RAT | LD50 | >5000 | mg/kg |
| DERMAL | RBT | LD50 | >5000 | mg/kg |
| VAPOURS | RAT | 4H LC50 | >5 | mg/l |

Hazardous ingredients:

ALIPHATIC HYDROCARBON

| | | | | |
|---------|-----|---------|-------|-------|
| DERMAL | RBT | LD50 | >5000 | mg/kg |
| ORAL | RAT | LD50 | >5000 | mg/kg |
| VAPOURS | RAT | 4H LC50 | >5 | mg/l |

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact. This product will remove natural oils from the skin. This may result in dryness and cracking.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. Low toxicity if swallowed. The main hazard is aspiration if this product is vomited after ingestion.

Inhalation: Drowsiness or mental confusion may occur.

Delayed / immediate effects: Immediate effects can be expected after long-term exposure. Drowsiness or mental confusion may occur.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

| Species | Test | Value | Units |
|---------|-----------|-------|-------|
| ALGAE | 72H ErC50 | >100 | mg/l |

[cont...]

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| | | | |
|------|-----------|---------|------|
| FISH | 72H ErC50 | 10 -100 | mg/l |
|------|-----------|---------|------|

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Slightly bioaccumulable. May be accumulated in organisms.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

Persistence (P-):

Persistence result: not P-

Bioaccumulation (B-):

Bioaccumulation result: not B-

Toxicity (T-):

mg/l

NOEC for marine or freshwater organisms: >0.1

Toxicity result: not T-

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Any disposal practices must be in compliance with all local, national and international laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

Recovery operations: Not applicable.

Waste code number: 08 01 99

Disposal of packaging: Contaminated packaging should be emptied, and sent to the appropriate licenced treatment or recycling facility.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3295

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14.2. UN proper shipping name

Shipping name: HYDROCARBONS, LIQUID, N.O.S.
(n-Alkanes)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: Not applicable.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

[cont...]

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R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: Please ensure this datasheet is passed to the appropriate person in your company, who is capable of acting on the information. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.