

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Material name : Lok Stok and 2 Sticky Barrels
 Product code :

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

Product use : Adhesive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Go Pro Chemicals
 Unit 5B
 Molesworth Business Estate
 Molesworth
 Cambridgeshire
 PE28 0QG

Tel. : 01832 279279

Email (for SDSs) : info@goprochemicals.co.uk

1.4 Emergency tel. no. : 01832 279279

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to GB Classification, Labelling and Packaging of Substances and Mixtures Regulation (CLP):

Physical and Chemical Hazards	Flam. Liq.2; H225
Human health	Skin Irrit.2; H315; Skin Sens.1; H317; Eye Irrit.2; H319; STOT SE3; H335
Environment	Not classified

2.2 Label elements

Labelling according to GB CLP:

Signal word: Danger Contains: Methyl methacrylate, Methacrylic acid.

Pictograms:



Hazard statements:	H225	Highly flammable liquid and vapour
	H315	Causes skin irritation
	H317	May cause an allergic skin reaction
	H319	Causes serious eye irritation
	H335	May cause respiratory irritation

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Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P242 Use only non-sparking tools.
- P261 Avoid breathing vapours.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists get medical advice/attention.
- P501 Dispose of contents/container to comply with Local, National and International regulations.

2.3 Other hazards: The product does not contain any vPvB or PBT substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components

Chemical Name	CAS No./ EC No.	Classification (CLP)	Content
METHYL METHACRYLATE	80-62-6 201-297-1	Flam.Liq.2; H225 Sk.Irrit.2; H315 Sk.Sens.1; H317 STOT SE3; H335	50-70%
METHACRYLIC ACID	79-41-4 201-204-4	Ac.Tox.4; H302+H312 Sk.Corr.1A; H314 STOT SE3; H335	1-10%
3,5-DIETHYL-1,2-DIHYDRO-1-PHENYL-2- PROPYLPYRIDINE	34562-31-7 252-091-3	Ac.Tox.4; H302+H312 Sk.Irrit.2; H315 Eye Irrit.2; H319 STOT SE3; H335	1-10%
a,a-DIMETHYLBENZYL HYDROPEROXIDE (Syn. CUMENE HYDROPEROXIDE)	80-15-9 201-254-7	Org. Perox. EF; H242 Ac.Tox.3; H331 Ac.Tox.4; H302+H312 Skin Corr.1B; H314 STOT RE 2; H373 Aq.Chron.2; H411	<1%

Substance classifications are taken from the GB Mandatory Classification and Labelling (MCL) list, or if absent, from supplier's information.

See Section 16 for the full text of the H-statements noted above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash skin thoroughly with soap and warm water. Dry skin and apply replenishing cream. Seek medical advice if irritation develops.

4.1 Description of first aid measures (continued)

Eye contact: Rinse with water for 15 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Remove to fresh air and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause irritation to skin. May cause eye irritation. May cause sensitisation.

4.3 Indication of any immediate medical attention and special treatment needed: See skin and eye contact information above.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.
Unsuitable extinguishing media: High volume water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.
Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers.
Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage. Eliminate all sources of ignition. Use non-sparking equipment to deal with the spillage.

6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections: See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid contact with skin and eyes. Handle with care. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools.

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7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area between 5°C and 25°C. Keep container tightly closed.

7.3 Specific end use(s): No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Chemical name	8hr TWA	15min STEL	Reference
METHYL METHACRYLATE	50 ppm/ 208 mg/m ³	100 ppm/ 416 mg/m ³	EH40/2005
METHACRYLIC ACID	20 ppm/ 72 mg/m ³	40 ppm/ 143 mg/m ³	EH40/2005

DNEL/PNEC: No information available

8.2 Exposure controls

Engineering measures: Provide adequate ventilation to control exposure.

Personal protective equipment

Respiratory protection: Use respiratory protection if vapour levels are high.

Hand protection: Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time ≥ 480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice.

Eye protection: Tightly-fitting safety goggles or glasses conforming to European standard EN 166.

Skin and body protection: Protective overalls.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour	Liquid
Odour	Characteristic
Odour Threshold	Not determined
Flammability	Highly flammable
Flash point	15°C
Lower explosion limit	No data available
Upper explosion limit	No data available
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	No data available
Solubility in water	Insoluble
Solubility in other solvents	Not determined
pH	Not applicable
Melting point/range	No data available

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9.1 Information on basic physical and chemical properties (continued)

Boiling point/range	No data available
Relative density	No data available
Vapour pressure	No data available
Vapour density	Not determined
Partition coefficient: n-octanol/water	Not determined
Viscosity	No data available
Evaporation rate	Not determined

9.2 Other information	No data available
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10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	Hot surfaces, naked flames, extreme heat.
10.5 Incompatible materials	Strong oxidising agents. Strong acids.
10.6 Hazardous decomposition products	Toxic fumes may be emitted in fire conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
METHYL METHACRYLATE	1600 mg/kg (Rat)	No data available	No data available
METHACRYLIC ACID	7872 mg/kg (Rat)	No data available	No data available
a,a-DIMETHYLBENZYL HYDROPEROXIDE	382 mg/kg (Rat)	No data available	No data available

Skin corrosion/irritation:	May cause irritation.
Serious eye damage/eye irritation:	May cause eye irritation.
Respiratory or skin sensitisation:	May cause sensitisation.
Repeated dose toxicity:	No data available.
Carcinogenicity:	Not carcinogenic.
Mutagenicity:	Not mutagenic.
Toxicity for reproduction:	Not expected to impair fertility.
Specific target organ toxicity (STOT):	Inhalation of vapours may cause respiratory irritation.
Further information:	No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	No data available.
12.2 Persistence and degradability	Not biodegradable
12.3 Bioaccumulative potential	No potential for bioaccumulation.
12.4 Mobility in soil	Readily absorbed into soil.
12.5 Results of PBT and vPvB assessment	No PBT or vPvB substances identified.
12.6 Other adverse effects	No data available.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.
Do not dispose of together with household waste. Contact licensed waste disposal company.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not burn or use a cutting torch on the empty container.

14. TRANSPORT INFORMATION

14.1 UN number ADR/RID/ADN; IMDG; ICAO 1133

14.2 UN proper shipping name ADHESIVES (Methyl Methacrylate)

14.3 Transport hazard class(es) ADR/RID/ADN Class 3
ADR/RID/ADN Class Class 3
ADR Label No. 3
IMDG Class 3
ICAO Class/Division 3
ICAO Subsidiary risk 3

Transport labels



14.4 Packing Group ADR/RID/ADN; IMDG; ICAO II

14.5 Environment hazards Marine Pollutant No

14.6 Special precautions for user EMS F-E, S-D

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****UK Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

GB MCL (Mandatory Classification and Labelling).

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

S.I. 2020 No. 1577: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with the requirements of the UK REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. (S.I. 2020 No. 1577).

Reason for revision: regulatory references changed from Regulation (EC) No 1272/2008 (CLP) and EU REACH to GB CLP and UK REACH.

Classification and procedure used to derive the classification for mixtures according to GB CLP:

Physical hazards: On basis of test data/Expert judgement.
Health hazards: Calculation method
Environmental hazards: Calculation method

Full text of H-statements referred to under sections 2 and 3

H225 Highly flammable liquid and vapour.
H242 Heating may cause a fire
H302 Harmful if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation.
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H331 Toxic if inhaled
H335 May cause respiratory irritation
H373 May cause damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long-lasting effects.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
ATE: Acute Toxicity Estimate (Section 11).
CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
DNEL: Derived No Effect Level (Section 8).
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
PNEC: Predicted No Effect Concentration (Section 8).
STEL: Short-term exposure limit. (Section 8).
STOT: Single Target Organ Toxicity (Section 11).
TWA: Time-weighted average. (Section 8).
vPvB: very Persistent and very Bioaccumulative. (Section 12).

Legal disclaimer: 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.

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