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

1.1 Product Identifier

Material name : Floor Resin Twin Pack – Solvent
Product code :

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

Product use : For use with two component paint.

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.3; H226
Human health	Asp.1; H304; Sk Irrit.2; H315; Eye Irrit.2; H319; Ac.Tox.4; H332; STOT SE3; H335, H336; STOT RE2; H373
Environment	Not classified

2.2 Label elements
Labelling according to GB CLP:

Signal word: Danger **Contains:** Xylene, 1-Methoxy-2-propanol
Pictograms:

Hazard statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapour.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+ P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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./ Reg. No	Classification (CLP)	Content
XYLENE	1330-20-7 215-535-7 01-2119488216-32-xxxx	Flam. Liq. 3; H226 Asp.1; H304 Acute Tox.4; H312, H332 Skin Irrit. 2; H315 Eye Irrit.2; H319 STOT SE3; H335	25-50%
1-METHOXY-2-PROPANOL	107-98-2 203-539-1 -	Flam.Liq.3; H226 STOT SE3; H336	25-50%
ETHYL BENZENE	100-41-4 202-849-4 01-2119489370-35	Flam. Liq. 2; H225 Asp.1; H304 Skin Irrit. 2; H315 Eye Irrit.2; H319 Acute Tox.4; H332 STOT SE3; H335 STOT RE2; H373	<10%
2-METHOXYPROPANOL	1589-47-5 216-455-5	Flam.Liq.3; H226 Skin Irrit.2; H315 Eye Dam.1; H318 Repr.1B; H360D STOT SE3; H335	<0.3%

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. Seek medical advice if irritation develops.

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. Exposure may cause coughing or wheezing. 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.

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.

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: Remove all ignition sources. Avoid contact with skin and eyes. Handle with care.

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	Comment	Reference
Xylene	220 mg/m^3/50 ppm	441 mg/m^3 /100 ppm	(Sk)	EH40
1-Methoxy-2-Propanol	100 ppm	150 ppm	(Sk)	EH40
Ethylbenzene	441 mg/m^3 /100 ppm	552 mg/m^3/125 ppm	(Sk)	EH40

DNEL/PNEC:

DNEL Information

Area of application	Exposure route	Xylene
Consumer	Inhalation-Short term systemic effects	174 mg/m^3
Consumer	Inhalation-Short term local effects	174 mg/m^3
Consumer	Inhalation-Long term systemic effects	14.8 mg/m^3
Consumer	Dermal-Long term systemic effects	108 mg/kg/bw/day
Workers/Employees	Inhalation-Short term systemic effects	289 mg/m^3
Workers/Employees	Inhalation-Short term local effects	289 mg/m^3
Workers/Employees	Inhalation-Long term systemic effects	77 mg/m^3
Workers/Employees	Dermal-Long term systemic effects	180 mg/kg/bw/day

PNEC Information

Environment	Xylene
Aquatic Compartment	
Fresh water	0.327 mg/l
Marine water	0.327 mg/l
Dry Sediment – fresh water	12.46 mg/kg
Dry Sediment – marine water	12.46 mg/kg
Terrestrial Compartment	
Dry soil	2.31 mg/kg
Sewage treatment plant	6.58 mg/l

8.2 Exposure controls

Engineering measures: Provide adequate ventilation to control exposure.

Personal protective equipment

Respiratory protection: Use respiratory protection suitable for organic vapours/dust if exposed to fumes/particulates above the WELs.

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. (Sk) noted above means can be absorbed through skin.

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

Skin and body protection: Protective overalls.

8.2 Exposure controls (continued)

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	Colourless liquid
Odour	Solvent odour
Odour Threshold	Not determined
Flammability	Flammable
Flash point	23°C (Pensky-Martens Closed Cup)
Lower explosion limit	1.0%
Upper explosion limit	13.74%
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	No data available
Solubility in water	Partially soluble
Solubility in other solvents	Not determined
pH	Not applicable
Melting point/range	No data available
Boiling point/range	120°C
Relative density	0.88
Vapour pressure	1.5 kPa @20°C
Vapour density	3.1 (Air=1)
Partition coefficient: n-octanol/water	Not determined
Viscosity	<0.205 cm^2/s@40°C
Evaporation rate	0.8 (BuAc=1)

9.2 Other information VOC content: 100%

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	Extreme heat.
10.5 Incompatible materials	Strong oxidising agents. Strong acids. Amines. Amides.
10.6 Hazardous decomposition products	None known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity:

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Xylene	5251 mg/kg (Mouse)	5000 ppm (Rat) 4h	>1700 mg/kg (Rabbit)
Ethylbenzene	3500 mg/kg (Rat)	4000 ppm (Rabbit)	17800 mg/kg (Rabbit)

Skin corrosion/irritation: Prolonged or repeated contact may cause irritation.

Serious eye damage/eye irritation: May cause eye irritation.

Respiratory or skin sensitisation: Not classed as a sensitiser.

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): No data available

Further information: High levels of vapour may cause respiratory irritation.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
Xylene	Daphnia Rainbow trout Algae	EC50 24h LC50 96h EC50 24h	3.82 mg/l 2.6 mg/l 4.63 mg/l
Ethylbenzene	Daphnia Fish Algae	LC50 48h LC50 96h EC50 96h	18.4-25.4 mg/l 5.1-5.7 mg/l 3.6 mg/l

12.2 Persistence and degradability Biodegradable.

12.3 Bioaccumulative potential Low bioaccumulation potential.

12.4 Mobility in soil Partially soluble in water.

12.5 Results of PBT and vPvB assessment No PBT or vPvB substances identified.

12.6 Other adverse effects May be harmful to aquatic life.

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.
Treat as hazardous waste.
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.

European Waste Catalogue (EWC): 08 01 11* – Waste paint and varnish containing organic solvents or other hazardous substances.
15 01 10* - Packaging containing residues of or contaminated by hazardous substances.

14. TRANSPORT INFORMATION

14.1 UN number	ADR/RID/ADN; IMDG; ICAO	1263		
14.2 UN proper shipping name	PAINT RELATED MATERIAL			
14.3 Transport hazard class(es)	ADR/RID/ADN Class	3		
	ADR Label No.	3.3		
	IMDG Class	3		
	ICAO Class/Division	3	ICAO Subsidiary risk	3.3
	Transport labels			
14.4 Packing Group	ADR/RID/ADN; IMDG; ICAO	III		
14.5 Environment hazards	Marine Pollutant	No	Environmentally hazardous: No	
14.6 Special precautions for user	EMS	3-05		

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

Chemical Safety Assessments/Reports (CSA/CSR) are not required for mixtures.

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

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation.
H319 Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H360D May damage the unborn child
H373 May cause damage to organs through prolonged or repeated exposure

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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