

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

1.1 Product Identifier

Material name : Floor Resin Twin Pack – Hardener Component
 Product code :

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

Product use : A 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

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	Not classified
Human health	Acute Tox.4; H302; Sk.Corr.1B; H314; Sk.Sens.1; H317; Eye Dam.1; H318; Repr.1B; H360F
Environment	Aq.Chronic 3; H412

2.2 Label elements

Labelling according to GB CLP:

Signal word: Danger Contains: Isophorone Diamine; Benzene-1,3-Dimethanamine; 4,4'-Isopropylidenediphenol

Pictograms:



Hazard statements:	H302	Harmful if swallowed.
	H314	Causes severe skin burns and eye damage.
	H317	May cause an allergic skin reaction.
	H360F	May damage fertility or the unborn child.
	H412	Harmful to aquatic life with long lasting effects.

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Precautionary statements:

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P310 Immediately call a POISON CENTRE/ Doctor.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards: No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (CLP)	Content
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE (Syn. Isophorone diamine)	2855-13-2 220-666-8	Acute Tox.4; H302+H312 Sk.Corr.1B; H314 Sk.Sens.1B; H317 Aq.Chron.3; H412	25-50%
PHENYLMETHANOL	100-51-6 202-859-9	Acute Tox.4; H302+H332	25-50%
BENZENE-1,3-DIMETHANAMINE	1477-55-0 216-032-5	Acute Tox.4; H302+H332 Sk.Corr.1B; H314 Sk.Sens.1B; H317 Aq.Chron.3; H412	<10%
4,4'-ISOPROPYLIDENEDIPHENOL	80-05-7 201-245-8 01-2119457856-23	Repr.2; H361f Eye Dam.1; H318 Sk. Sens.1; H317 STOT SE3; H335	<10%
SALICYLIC ACID	69-72-7 200-712-3	Acute Tox.4; H302 Eye Dam.1; H318	<5%

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: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if burns are apparent.

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: No undue effects in normal circumstances, if affected remove to fresh air and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause burns to skin and eyes.

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: Product is non-flammable; use appropriate extinguishing media for the surrounding area.

Unsuitable extinguishing media: Not applicable.

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 any liquid 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.

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	Information/Reference
4,4'-Isopropylidenediphenol	10 mg/m ³	-	Inhalable dust (EH40)

DNEL/PNEC: No information available

8.2 Exposure controls

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

Personal protective equipment

Respiratory protection: Self contained breathing apparatus may be required if handling in a confined space with no ventilation.

Hand protection: Neoprene or nitrile gloves; check with glove manufacturer for specific advice.

Eye protection: Tightly-fitting safety goggles.

Skin and body protection: Protective overalls.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices.

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	Coloured liquid
Odour	Amine-like
Odour Threshold	No data available
Flammability	Non-flammable
Flash point	499°C
Lower explosion limit	1.1%
Upper explosion limit	13%
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	Non-oxidising
Solubility in water	Negligible
Solubility in other solvents	Not determined
pH	Data not available
Melting point/range	Not determined
Boiling point/range	202°C
Density	1.04
Vapour pressure	0.02 kPa @ 20°C
Vapour density	3.72 (air = 1)
Partition coefficient: n-octanol/water	No data available
Viscosity (kinematic)	>0.205 cm ² /s @ 40°C
Evaporation rate	No data available

9.2 Other information VOC content: 418 g/l

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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	Prolonged heat.
10.5 Incompatible materials	Strong acids. Strong alkalis. Strong oxidising agents.
10.6 Hazardous decomposition products	Oxides of carbon. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Phenylmethanol	1230 mg/kg (Rat)	53 mg/kg (Rat) 4h	No data available
4,4'-Isopropylidenediphenol	3250 mg/kg (Rat)	No data available	No data available

Skin corrosion/irritation:	May cause skin burns.
Serious eye damage/eye irritation:	May cause eye damage.
Respiratory or skin sensitisation:	May cause skin sensitisation.
Repeated dose toxicity:	No data available.
Carcinogenicity:	Not carcinogenic.
Mutagenicity:	Not mutagenic.
Toxicity for reproduction:	4,4'-Isopropylidenediphenol is suspected of damaging fertility.
Specific target organ toxicity (STOT):	No data available.
Further information:	No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
Isophorone Diamine	Daphnia	EC50 48h	17.4mg/l
Phenylmethanol	Fish	LC50 96h	10 mg/l
4,4'-Isopropylidenediphenol	Daphnia	EC50 48h	7.75 mg/l

12.2 Persistence and degradability	Not readily biodegradable.
12.3 Bioaccumulative potential	Low bioaccumulation potential.
12.4 Mobility in soil	Negligible water solubility.
12.5 Results of PBT and vPvB assessment	No data available.
12.6 Other adverse effects	Harmful to aquatic organisms.

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 3066

14.2 UN proper shipping name PAINT RELATED MATERIAL

14.3 Transport hazard class(es) ADR/RID/ADN Class 8
ADR/RID/ADN Class Class 8
ADR Label No. 8
IMDG Class 8
ICAO Class/Division 8
ICAO Subsidiary risk 8



Transport labels

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

14.5 Environment hazards Marine Pollutant No

14.6 Special precautions for user EMS F-A, S-B

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:

Acute Tox. 4; H302: Calculation method
Sk.Corr. 1B; H314: Calculation method
Sk.Sens. 1; H317: Calculation method
Eye Dam. 1; H318: Calculation method
Repr. 1B; H360F: Calculation method
Aquatic Chronic 3; H412: Calculation method

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

H302 Harmful if swallowed
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage
H332 Harmful if inhaled.
H335 May cause respiratory irritation
H360f May damage fertility or the unborn child.
H361f Suspected of damaging fertility
H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
STOT: Single Target Organ Toxicity (Section 11).
TWA: Time-weighted average. (Section 8).
STEL: Short-term exposure limit. (Section 8).
DNEL: Derived No Effect Level (Section 8).
PNEC: Predicted No Effect Concentration (Section 8).
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
vPvB: very Persistent and very Bioaccumulative. (Section 12).
EC50: Effective Concentration, 50 percent. (Section 12).
LC50: Lethal Concentration, 50 percent. (Section 11/12).
LD50: Lethal Dose, 50 percent. (Section 11).

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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