



SAFETY DATA SHEET PVA MOULD RELEASE AGENT

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name PVA Mould Release Agent
Company Easy Composites Ltd
Unit 39
Park Hall Business Village
Longton, Stoke-on-Trent
ST3 5XA
United Kingdom
Email sales@easycomposites.co.uk
Telephone +44 (0)1782 454499
Intended Use As a mould release/parting agent for use when fabricating mouldings in composites layups.

2. HAZARDS IDENTIFICATION

Main hazards



Harmful Flammable

Risk Phrases

R11 Highly flammable
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases

S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour/spray.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.
S60 This material and its container must be disposed of as hazardous waste.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Concentration	EC No.:	CAS	CAS Symbols/Risk phrases
PROPAN-2-OL	36-50%	200-661-7	64-17-5	F (R11), Xi;R36, R67

4. FIRST AID MEASURES

General information

NOTE! Keep affected person away from heat, sparks and flames!

Skin contact

Remove victim immediately from source of exposure. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact

Remove victim immediately from source of exposure. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

Inhalation	Remove victim immediately from source of exposure. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.
Ingestion	DO NOT induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog. Water spray should be used to cool containers. Do not use water jet, as this will spread the fire.
Hazardous combustion products	None under normal conditions.
Protective equipment	Suitable breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition.
Environmental precautions	Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
Clean up methods	Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE

Handling	Avoid spilling, skin and eye contact. Do not use in confined spaces without adequate ventilation and/or respirator.
Storage	Keep containers tightly closed. Keep in original container. Keep away from food, drink and animal feeding stuffs. Keep away from heat, sparks and open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	STD	TWA - 8 Hrs		STEL - 15 Min	
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³



Engineering measures	Provide adequate general and local exhaust ventilation.
Respiratory protection	Wear suitable respiratory protection.
Hand protection	Wear protective gloves.
Eye protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Blue (RA10, RA12)
Odour	Alcohol
Boiling Point	82°C
Relative density	0.94-0.96
Vapour density (air=1)	2.1
Viscosity	FORD CUP 4 35-40 s 20°C
Flash point	22°C

10. STABILITY AND REACTIVITY

Reactivity	No specific reactivity hazards associated with this product.
Chemical stability	Stable under normal temperature conditions and recommended use.
Conditions to avoid	Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.
Incompatible materials	No specific, or groups of materials are likely to react to produce a hazardous situation
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11. TOXICOLOGICAL INFORMATION

Toxicological information	No information available.
Inhalation	Harmful by inhalation.
Ingestion	May cause internal injury.
Skin	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
Eyes	Irritating to eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Toxicity	NOT APPLICABLE
Persistence and degradability	NO DATA AVAILABLE
Bioaccumulative potential	The product is not bioaccumulating.
Mobility in soil	The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

13. DISPOSAL CONSIDERATIONS

General information	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
Waste treatment methods	Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Classification for transport FLAMMABLE LIQUID.



Proper Shipping Name PAINT OR PAINT RELATED MATERIAL

ADR/RID

UN 1263

Packing group II

Class 3

EAC 3YE

IMDG

UN 1263
 Class 3
 EmS Code 3-05

Packing group II
 Marine pollutant: NO

IATA

UN 1263
 Class 3

Packing group II

15. REGULATORY INFORMATION

Uk Regulatory References	Chemicals (Hazard Information & Packaging) Regulations
Approved Code Of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40.
EU Legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
Chemical Safety Assessment	A chemical safety assessment has been carried out.

16. OTHER INFORMATION

Risk Phrases In Full	R11 Highly flammable R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.
Hazard Statements In Full	H319 Causes serious eye irritation. H225 Highly flammable liquid and vapour. H336 May cause drowsiness or dizziness.
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.