1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1 Product name PVA Mould Release Agent
1.2 Identified Use As a mould release/parting agent for use when fabricating mouldings in composites layups.
1.3 Company Easy Composites Ltd
   Unit 39
   Park Hall Business Village
   Longton, Stoke-on-Trent
   ST3 5XA
   United Kingdom

   Email sales@easycomposites.co.uk

1.4 Telephone +44 (0)1782 454499

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
   Classification - EC Asp. Tox. 1, Flam. Liq. 2, Eye Irrit. 2
   1272/2008

2.2. Label elements
   Hazard pictograms

   Signal Word Danger
   Hazard Phrases Highly flammable liquid and vapour.
   Causes serious eye irritation.
   May be fatal if swallowed and enters airways.
   Repeated exposure may cause skin dryness or cracking.
   Precautionary Phrases Wear protective gloves/protective clothing/eye protection/face protection.
   Store in a well-ventilated place. Keep cool.
   Keep container tightly closed.
   Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
   In case of fire: Use dry powder or alcohol resistant foam for extinction.
   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
   IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
   Do NOT induce vomiting.
   Dispose of contents/container to an authorised waste collection point

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances
   propan-2-ol; isopropyl alcohol; isopropanol
   Conc. 30 - 40%
   CAS No. 67-63-0
   EC No. 200-661-7
   CAS Symbols/Risk phrases Categories: Eye Irrit. 2, STOT SE 3
   Symbols: GHS02;GHS07;F; Xi
   R/H Phrases: H225;H319;H336;R11;R36;R67

SAFETY DATA SHEET
PVA MOULD RELEASE AGENT
4. FIRST AID MEASURES

4.1 Description of first aid measures
If On Skin (Or Hair) Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If In Eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
If Swallowed Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

4.3 Indication of any immediate medical attention and special treatment needed
Immediately call a POISON CENTER or doctor/physician.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
5.2 Special hazards Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. Flammable and Irritant. Vapours may ignite
5.3 Advice for Firefighters Fight fire with normal precautions from a reasonable distance. Keep container(s) exposed to fire cool, by spraying with water

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions Follow the manufacturer's recommended procedures for the decontamination of the area affected by the spillage. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. Wear protective clothing as per section 8.
6.2 Environmental precautions Avoid release to the environment. Refer to special instructions/Safety data sheets - Contain spillage by any means possible - Stop leak if safe to do so.
6.3. Methods and material for containment and cleaning up Absorb spillage in inert material and shovel up. Do not absorb spillage in sawdust or other combustible material. Remove contaminated material to safe location for subsequent disposal. Ventilate the area and wash spill site after material pick-up is complete.

7. HANDLING AND STORAGE


8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters
OES / LTEL 500 mg/m3
OES / STEL 625 mg/m3
DNEL (dermal) 888 mg/kg
DNEL (inhalational) 500 mg/m3

8.2 Exposure controls
Wear protective gloves/protective clothing/eye protection/face protection.
9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- **Appearance**: Colourless, Liquid, viscous
- **Colour**: Blue
- **Odour**: Alcohol odour
- **Boiling Point**: 82
- **Flash point**: 22
- **Density**: Density 0.96 g/cm³
- **Vapour Density**: (air = 1) 2.1
- **Viscosity**: 35 - 40 secs Ford Cup 4 @ 20
- **VOC Content**: 35%

10. STABILITY AND REACTIVITY

10.1. Reactivity

This article is considered stable under normal conditions

10.2. Chemical stability

Considered stable under normal conditions

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose. Vapours may ignite

10.4. Conditions to avoid

Keep away from strong oxidizing substances. Keep away from heat and sources of ignition

10.5. Incompatible materials

Incompatible with oxidizing substances.

10.6. Hazardous decomposition

Decomposition products may include carbon oxides. Decomposition products may include toxic and irritant fumes

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- **General information**: No information available but must be considered harmful
- **Eye contact**: Irritancy (eye, human) - irritant
- **Skin contact**: Can cause damage to the skin. Can cause damage to the digestive system. Can cause damage to the respiratory system

12. ECOLOGICAL INFORMATION

- **General information**: On available data, substance is not harmful to the environment. Large or frequent spills into the Environment may cause damage.
- **12.1 Toxicity**: No information available
- **12.2. Persistence and degradability**: No information available
- **12.3. Bioaccumulative potential**: Bioaccumulation is insignificant
- **12.4. Mobility in soil**: miscible with water
- **12.5. Results of PBT and vPvB assessment**: Not a PBT according to REACH Annex XIII
- **12.6. Other adverse effects**: Toxic to sewage works organisms

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose of contents/container to authorised disposal contractor
14. TRANSPORT INFORMATION

14.1. UN number 1263
14.2. UN proper shipping name PAINT OR PAINT RELATED MATERIAL (CONTAINS ISOPROPANOL)
14.3. Transport class Hazard Class 3
14.4. Packing group II
14.5. Environmental hazards On available data, substance is not harmful to the environment
14.6. Special precautions for user Transport Regulations apply as indicated in previous section
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 Regulations
This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
15.2. Chemical safety assessment A REACH chemical safety assessment has not been carried out

16. OTHER INFORMATION

Text of Risk Phrases H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
R11 Highly Flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and 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.