

1. Identification

Product Name & Synonyms: Procell S5 Part A
Product Supplier: Mouldlife Ltd.
 Miro House
 Western Way (West)
 Bury St Edmunds
 Suffolk
 IP33 3SP

Telephone Contact No.: 01638 750 679

2. Hazards Identification

Not regarded as a health or environmental hazard under current legislation.

PHYSICAL AND CHEMICAL HAZARDS

This material has a flash point between 21°C and 55°C, but does not support combustion when tested in accordance with Appendix B to the "Approved Requirements and test methods for the classification and packaging of dangerous goods for carriage". Therefore, whilst this product is not classified as flammable, this MSDS contains phrases to help make the user aware of potential flammability hazards.

HUMAN HEALTH

See section 11 for additional information on health hazards.

3. Composition and Ingredients

Name	Content	CAS #	EC #	Classification
Dimethoxymethane	1-5%	109-87-5		F;R11.
Ethenediol	5-10%	107-21-1		Xn;R22

4. First Aid Measures

- Inhalation:** Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.
- Skin Contact:** Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
- Eye Contact:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
- Ingestion:** Rinse mouth thoroughly. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.

5. Fire Fighting Measures

Extinguishing Media:-

- Suitable:** Foam, carbon dioxide or dry powder. Larger fires: Water spray, fog or mist.
- Special fire fighting procedures:** Water as jet.
- Unusual fire and explosion hazards:** If heated, volume and pressure increases strongly, resulting in explosion of container. Prolonged exposure to heat may lead to formation of toxic gases.
- Specific Hazards:** Fire or high temperatures create: Toxic gases/vapours/fumes of Carbon monoxide (CO).

Carbon dioxide (CO2).

6. Accidental Release Measures

Environmental Precautions: Do not allow to enter drains or watercourses. Collect and dispose of spillages as indicated in section 13.

Clean-Up Procedures: DO NOT touch spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Avoid contact with skin or inhalation of spillage, dust or vapour. Collect with absorbent, non-combustible material into suitable containers. Provide ventilation and confine spill. Do not allow runoff to sewer. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not contaminate water sources or sewer.

7. Handling and Storage

Usage Precautions: Avoid spilling, skin and eye contact. Do not use contact lenses. Do not use in confined spaces without adequate ventilation and/or respirator. Static electricity and formation of sparks must be prevented. Eliminate all sources of ignition. Consider the use of intrinsically safe electrical equipment. Open containers carefully: Risk of pressure build up.

Storage Precautions: Ground container and transfer equipment to eliminate static electric sparks. Keep in original container. Keep containers tightly closed. Store in tightly closed original container in a dry, cool and well-ventilated place. Store below 25°C. Keep away from heat, sparks and open flame.

8. Exposure Controls

Name	Std	TWA – 8hrs		STEL – 15 min		Notes
Dimethoxymethane	WEL	1000ppm	3160 mg/m3	1250 ppm	3950 mg/m3	
Ethane Diol	WEL		52 mg/m3 (sk)		104 mg/m3 (sk)	



Engineering Measures: All handling to take place in well-ventilated area. Provide adequate general and local exhaust ventilation.

Respiratory Equipment: Respiratory protection must be used if air contamination exceeds acceptable level. Respiratory protection may be required.

Hand Protection: Wear appropriate gloves. Chemical resistant gloves required for prolonged or repeated contact. Protective gloves must be used if there is a risk of direct contact or splash.

Eye Protection: Wear splash-proof eye goggles to prevent any possibility of eye contact. Contact lenses should not be worn when working with this chemical!

Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

9. Physical and Chemical Properties

Appearance:	Viscous Liquid	Colour:	Clear, Colourless
Odour:	Mild/faint Amine	Relative Density @20°C:	0.95 – 1.05 g/cc
Viscosity@20°C:	700-1100 mPas	Volatile Content:	<20%
Flash Point:	34°C (Closed cup)		

10. Stability and Reactivity

Stability:	Stable under normal temperature conditions. Avoid: Heat, sparks, flames.
Conditions to avoid:	Avoid heat, flames and other sources of ignition. Avoid contact with acids.
Materials to avoid:	Acids, oxidising.
Hazardous decomposition products:	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Hydrocarbons. Flammable gases/vapours.

11. Toxicological Information

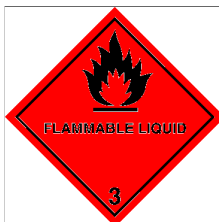
Inhalation:	Vapours may cause headache, fatigue, dizziness and nausea. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.
Skin Contact:	Liquid may irritate skin.
Eye Contact:	Spray and vapour in the eyes may cause irritation and smarting.
Ingestion:	May cause discomfort if swallowed.

12. Ecological Information

Ecotoxicity:	Not regarded as dangerous for the environment. 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.
---------------------	---

13. Disposal Considerations

Disposal Methods:	Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.
--------------------------	--

14. Transport Information

UN No.:	-
ADR/VLG:	-
ADNR/VBG:	-
RID/VSG:	-
IMO/IMDG:	-
ICAO/IATA:	-

This product is not classified as hazardous for transport.

15. Regulatory Information

Supply Label Information:

-

Risk Phrases: -

Safety Phrases: S36 Wear suitable protective clothing

Other: -

16. Other Information

Training advice:

Please read all datasheets carefully. If any point remains unclear or if further training is required please contact Atlas Polymers Limited.

Recommended uses and restrictions:

Polyol component for two-part polyurethane. No other use recommended.

Further information sources:

Please refer to the Safety Data Sheet for accompanying component for further information.

Sources of key data used to compile this SDS:

Raw material data. Occupational Exposure Limits 1997. Guidance Note EH40/98. Approved Supply List (CHIP Regulations 1996).

This Safety Data Sheet has been prepared and supplied in accordance with the **Chemicals (Hazard Identification and Packaging) Regulations 1994** as amended for use by persons capable of understanding the information contained herein for the protection of the health and safety of users.

It is therefore important that this data sheet is passed to the appropriate person so that the information may be acted upon if necessary.

NOTE: This SDS has been prepared from information we believe to be reliable, however it is provided without warranty, expressed or implied, as to its correctness. Since the conditions of handling, storage, use and disposal of this material are beyond our control we accept no responsibility whatsoever for any loss, damage or expense which results from the handling, storage, use or disposal of this material.