

# J-FOAM 406 Part A Black

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Name:** J-Foam 406 Part A Black  
**Chemical Name:** Resin Blend  
**Supplier:** Jacobson Chemicals Ltd  
 Unit 4  
 Newman Lane Industrial Estate  
 Alton  
 Hants  
 GU34 2QR  
**Telephone:** 01420 86934  
**Fax:** 01420 549574  
**E-mail:** sales@jacobsonchemicals.co.uk

## 2. COMPOSITION

**Substance:** N/a  
**Substance Name:** N/a  
**EC Index No:** N/a  
**CAS Number:** 107-21-1  
**EEC Number:** N/a

<u>Constituents</u>	<u>EINECS No.</u>	<u>Contents</u>	<u>Symbol</u>	<u>Risk</u>
Ethanediol	203-473-3	5-10%	Xn	R22- Harmful if swallowed.

## 3. HAZARD IDENTIFICATION

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

For further information, please refer to section 11.

This material has a flash point between 21°C and 55°C, but does not support combustion when tested in accordance with Schedule 2 or the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972. Therefore, whilst this product is not classified as flammable, this MSDS contains phrases to help make the user aware of potential flammability hazards.

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## 4. FIRST AID MEASURES

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**Immediate medical attention:**

**Professional assistance from physician required?**

**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.

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## 5. FIRE-FIGHTING MEASURES

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**Extinguishing media:**

Powder, foam or CO<sub>2</sub>. Larger fires: Water spray, fog or mist.

**Special fire fighting procedures:**

Move container from fire area if it can be done without risk. No specific fire fighting procedure given.

**Unusual fire and explosion hazards:**

If heated, volume and pressure increases strongly, resulting in explosion of container. May ignite if heated. Prolonged exposure to heat may lead to formation of toxic gases.

**Hazardous decomposition products:**

Fire or high temperatures create toxic gases/vapour/fumes of carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal Precautions:</b>	Avoid contact with skin or inhalation of spillage, dust or vapour.
<b>Methods of Cleaning:</b>	Do not touch spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Cleanup personnel should use respiratory and/or liquid contact protection. 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 labeled with correct contents and hazard symbol. Do not contaminate water sources or sewer.

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## 7. HANDLING & STORAGE

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<b>Usage precautions:</b>	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.
<b>Storage:</b>	Ground container and transfer equipment to eliminate static electric sparks. Keep in original container. Keep containers tightly closed. Keep in cool, dry, ventilated storage and closed containers. Store below 25°C. Keep away from heat, sparks and open flame.
<b>Storage criteria:</b>	Flammable liquid storage.

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## 8. EXPOSURE CONTROLS

Ingredient Name	Cas No	STD	LT EXP (8hrs)	ST EXP (15 min)
Ethenediol	107-21-1	OES	52 mg/m <sup>3</sup> (Sk)	104 mg/m <sup>3</sup> (Sk)

OES: Occupational Exposure Standard.

MEL: Maximum Exposure Limit

**Take measures to prevent:**

N/a

**Exposure to control limits:**

N/a

**Respiratory protection:**

All handling to take place in a well ventilated area. Provide adequate general and local exhaust ventilation.

**Hand Protection:**

General guidance on hand protection. Chemical resistance gloves required for prolonged or repeated contact. Protective gloves must be used if there is a risk of direct contact or splash. Use gloves made of Nitrile or Neoprene.

**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.

**Skin Protection:**

Wear appropriate clothing to prevent any possibility of skin contact.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance:**

Liquid

**Odour:**

Mild (faint) Amine

**Colour:**

Black

**Viscosity:**

800 - 1,000 m Pas @ 20°C

**Specific Gravity:**

0.95 - 1.05 @ 20°C

**Flash Point:**

34

**Flash Point Method:**

CC (closed cup)

**Volatile by Vol:**

2 - 6 %

## 10. STABILITY & REACTIVITY

**Stability:**

Normally stable. Avoid heat, sparks, flames.

**Conditions to avoid:**

Avoid heat, flames and other sources of ignition.

Avoid contact with acids.

**Materials to avoid:**

Acids, oxidizing agents.

**Hazardous decomposition products:**

Toxic gases/vapours/fumes of Carbon monoxide (CO), Carbon Dioxide (CO<sub>2</sub>), Hydrocarbons.

Flammable gases/vapours.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Inhalation:</b>	Solvent vapours are hazardous and may cause nausea, sickness and headaches.
<b>Ingestion:</b>	May cause discomfort in swallowed.
<b>Skin:</b>	Liquid may irritate skin.
<b>Eyes:</b>	Spray and vapour in the eyes may cause irritation and smarting.
<b>Health Warnings:</b>	No known chronic or acute health risks.

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## 12. ECOLOGICAL INFORMATION

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<b>Possible effects:</b>	N/a
<b>Behaviour:</b>	N/a
<b>Environmental fate:</b>	Not regarded as dangerous to the environment.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Methods:</b>	Dispose of in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.
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## 14. TRANSPORT INFORMATION

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**Special carriage precautions in carriage:**  
**Classification data:**

<b>UN Number:</b>	1993
<b>Proper Shipping Name:</b>	Flammable liquid, N.O.S. (Methylal)
<b>Additional Data:</b>	Class 3, Flammable liquids
<b>IMO - Sea:</b>	Class 3, III
<b>ICAO - Air:</b>	N/a
<b>ADR - Road:</b>	Class 3, III
<b>EmS No:</b>	3-07

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## 15. REGULATORY INFORMATION

<b>Risk Phrases:</b>	R22 Harmful if swallowed.
<b>Safety Phrases:</b>	U-6 Contains volatile blowing agent - Risk of pressure build up.
<b>UK Regulatory References:</b>	Health and Safety at Work Act 1974
<b>EC Directives:</b>	Dangerous Preparations Directive 88/379
<b>Statutory Instruments:</b>	Chemicals (Hazard Information and Packaging) Regulations.
<b>Guidance Notes:</b>	Occupational Exposure Limits EH40. Isocyanates toxic hazards and precautions EH16. CHIP for everyone HSG (108) Baxenden Brochure Isocyanates & Polyurethanes - Safety advice.

## 16. OTHER INFORMATION

a) <b>Training needs:</b>	For further information contact our office.
b) <b>Recommended uses and restrictions:</b>	
c) <b>Further references:</b>	
d) <b>Key data sources:</b>	Manufacturer's data.

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

### NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.