



SAFETY DATA SHEET
LF-205 OPEN CELL

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name LF-205 OPEN CELL

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

Identified uses Resin component for polyurethane foam.

1.3. Details of the supplier of the safety data sheet

Supplier Home Logic UK Ltd.
1st floor Anglo City House
2-6 Shirley Road
Southampton, SO15 3EU
www.homelogic.co.uk
+44 (0)800 1700 636
info@homelogic.co.uk

1.4. Emergency telephone number

07976 517226

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Acute Tox. 4 - H312; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
Environment	Not classified.

Classification (1999/45/EEC) Xn;R21. Xi;R36/38.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Contains N-[3-(dimethylamino)propyl]-N,N',N'-trimethylpropane-1,3-diamine

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313	Get medical advice/attention.
P501	Dispose of contents/container to ...

Supplementary Precautionary Statements

P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.

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P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P322	Specific measures (see ... on this label).
P332+313	If skin irritation occurs: Get medical advice/attention.
P337	If eye irritation persists:
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

N-[3-(dimethylamino)propyl]-N,N',N'-trimethylpropane-1,3-diamine		1-5%
CAS-No.: 3855-32-1	EC No.: 223-362-3	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC) T;R24. Xn;R22. C;R34. Xi;R41. R52/53.	
2,2'-OXYBISETHANOL		5-10%
CAS-No.: 111-46-6	EC No.: 203-872-2	
Classification (EC 1272/2008) Acute Tox. 4 - H302	Classification (67/548/EEC) Xn;R22	
Bis(dimethylaminoethyl)ether Solution		1-5%
CAS-No.: 3033-62-3	EC No.: 221-220-5	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 3 - H311 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Aquatic Chronic 3 - H412	Classification (67/548/EEC) T;R24. Xn;R20/22. C;R34. R52/53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Inhalation

No recommendation given. Get medical attention if any discomfort continues.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. 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

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.

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4.2. Most important symptoms and effects, both acute and delayed

Inhalation

No specific symptoms noted.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Dry chemicals, sand, dolomite etc. Carbon dioxide or dry powder. DO NOT use water if avoidable.

Unsuitable extinguishing media

DO NOT use water if avoidable.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control. Use water SPRAY only to cool containers! Do not put water on leaked material. Use pressurised air mask if product is involved in a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Do not breathe vapour.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! Clean-up personnel should use respiratory and/or liquid contact protection. Avoid water on spilled material or leaking containers. Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in original container. Store at moderate temperatures in dry, well ventilated area. Protect from freezing and direct sunlight.

Storage Class

Chemical storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2,2'-OXYBISETHANOL	WEL	23 ppm	101 mg/m ³			

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WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures

Provide adequate general and local exhaust ventilation.

Hand protection

Use protective gloves made of: Nitrile. Neoprene. Rubber (natural, latex). Chemical resistant gloves required for prolonged or repeated contact.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash promptly with soap & water if skin becomes contaminated. Eating, smoking and water fountains prohibited in immediate work area.

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Varying.
Odour	Mild. or Slight odour. Characteristic.
Solubility	Insoluble in water Soluble in: Organic solvents.
Relative density	1.16 @ 25°C
Viscosity	300 - 600 cPs @25°C
Auto Ignition Temperature (°C)	>400°C

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Isocyanates.

10.2. Chemical stability

No particular stability concerns.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

May polymerise.

10.4. Conditions to avoid

No specific conditions are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials To Avoid

Isocyanates.

10.6. Hazardous decomposition products

Irritating gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Route of entry

Inhalation. Skin and/or eye contact.

Target Organs

Respiratory system, lungs Skin

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Little danger to the environment. The cured polymer degrades very slowly in nature.

12.2. Persistence and degradability

Degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility:

This product rapidly cures on exposure to atmospheric moisture to form an inert solid.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

Not regulated. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Proper Shipping Name

Not Applicable

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

LF-205 OPEN CELL**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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.

National Regulations

Workplace Exposure Limits 2005 (EH40)

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information

Only trained personnel should use this material. This product is intended for use for the applications set out in the Technical Data Sheet Only. The information set out in this SAFETY DATA SHEET must be made available to all personnel who use or may be exposed to this product.

Revision	001
Date	09/03/2021

Risk Phrases In Full

R34	Causes burns.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R21	Harmful in contact with skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38	Irritating to eyes and skin.
R41	Risk of serious damage to eyes.
R24	Toxic in contact with skin.

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Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H412	Harmful to aquatic life with long lasting effects.
H311	Toxic in contact with skin.

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.