



SAFETY DATA SHEET ICOPAL SSI MEMBRANE SPRAY ADHESIVE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name ICOPAL SSI MEMBRANE SPRAY ADHESIVE

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

Identified uses Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier ICOPAL LTD
BARTON DOCK ROAD
STREFORD
MANCHESTER
M32 0YL
+44 (0) 161 865 4444

1.4. Emergency telephone number

Emergency telephone +44 (0) 161 865 4444 (Mon - Fri 09.00 - 16.00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 3 - H229

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 2 - H371 STOT RE 2 - H373

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn; R48/20/21/22, R68/20/21/22. Xi; R36/38. Carc. Cat. 3 R40. R42/43

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements	H371 May cause damage to organs . H351 Suspected of causing cancer. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H373 May cause damage to organs through prolonged or repeated exposure. H315 Causes skin irritation. H229 Pressurised container: may burst if heated
Precautionary statements	P260 Do not breathe vapour/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information	EUH204 Contains isocyanates. May produce an allergic reaction.
Contains	DICHLOROMETHANE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

DICHLOROMETHANE	30-60%
CAS number: 75-09-2	EC number: 200-838-9
	REACH registration number: 01-2119480404-41-XXXX
Classification Carc. 2 - H351	Classification (67/548/EEC or 1999/45/EC) Carc. Cat. 3;R40
DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues	10-30%
CAS number: 9016-87-9	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xn;R20. Xi;R36/37/38. R42.

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	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention. For breathing difficulties, oxygen may be necessary.
Ingestion	In the unlikely event of ingestion GET medical attention immediately. Rinse mouth thoroughly with water.

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Skin contact Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if irritation persists after washing.

Eye contact Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath.

Ingestion Congestion of the lungs may occur, producing severe shortness of breath. May cause chemical burns in mouth, oesophagus and stomach.

Skin contact May cause skin irritation.

Eye contact May cause eye irritation. Profuse watering of the eyes.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards In combustion emits toxic fumes.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear full protective clothing. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Keep upwind. Keep unnecessary and unprotected personnel away from the spillage. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. If ventilation is inadequate, suitable respiratory protection must be worn. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid the formation of mists.

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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

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

Occupational exposure limits

DICHLOROMETHANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 1060 mg/m³

Sk

DIPHENYLMETHANEDIISOCYANATE -Isomers & homologues

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m³(Sen)

Short-term exposure limit (15-minute): WEL 0.07 mg/m³(Sen)

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Chemical resistant gloves required for prolonged or repeated contact.

Respiratory protection

If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Pink.
Odour	Characteristic.
Initial boiling point and range	>35°C @
Flash point	< 21°C Not specified.
Evaporation rate	Fast
Relative density	1.1
Solubility(ies)	Hardens in contact with water.

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Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable at normal ambient temperatures and when used as recommended. The product will harden into a solid mass in contact with water and moisture.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Hazardous reactions will not occur under normal transport or storage conditions

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation Coughing. Coughing, chest tightness, feeling of chest pressure.

Ingestion Irritating. May cause nausea, stomach pain and vomiting.

Skin contact Causes mild skin irritation.

Eye contact Causes skin and eye irritation.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity No data recorded.

12.2. Persistence and degradability

Persistence and degradability The product is potentially degradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Volatile liquid.

12.5. Results of PBT and vPvB assessment

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Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Ensure containers are fully empty before discarding (explosion risk) leave the discharge valve open. Risk assess and if safe to do so fully drained containers should be pierced and then dispose of inline with local regulations. USE A NON SPARKING TOOL IN A FLAME PROOF AREA IF IN DOUBT TREAT AS HAZARDOUS WASTE Arrange for disposal by a licenced waste disposal company.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3500
UN No. (IMDG)	3500
UN No. (ICAO)	3500
UN No. (ADN)	3500

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CHEMICAL UNDER PRESSURE, N.O.S. (DICHLOROMETHANE)
Proper shipping name (IMDG)	CHEMICAL UNDER PRESSURE, N.O.S. (DICHLOROMETHANE)
Proper shipping name (ICAO)	CHEMICAL UNDER PRESSURE, N.O.S. (DICHLOROMETHANE)
Proper shipping name (ADN)	CHEMICAL UNDER PRESSURE, N.O.S. (DICHLOROMETHANE)

14.3. Transport hazard class(es)

ADR/RID class	2.2
ADR/RID classification code	8A
ADR/RID label	2.2
IMDG class	2.2
ICAO class/division	2.2
ADN class	2.2

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-C, S-V
ADR transport category	3
Emergency Action Code	2ZE
Hazard Identification Number (ADR/RID)	20
Tunnel restriction code	(C/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date	07/08/2015
Revision	1
Supersedes date	20/05/2015
SDS number	21292
Hazard statements in full	H229 Pressurised container: may burst if heated H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H351 Suspected of causing cancer. H371 May cause damage to organs . H373 May cause damage to organs through prolonged or repeated exposure.

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.