

Safety Data Sheet

Eurorof QC Insulation Adhesive - Part B

Sheet No: M411bFR Issued: 17/03/11

Revision: 4 1st Issue: 13/07/10

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1. Identification of the substrate/preparation and of the company/undertaking

1.1 **Identification/Trade name:** Eurorof QC Insulation Adhesive - Part B

1.2 **Use of the substance/preparation:**
Adhesive / Sealant.

1.3 **Manufacturer/Supplier:**

Supplier:

Alumasc Exteriors Building Products Ltd
White House Works, Bold Road, Sutton, St Helens, Merseyside, WA9 4JG. United Kingdom
Tel: +44 (0)1744 648400 Email: technical@alumascroofing.com

Manufacturer:

Dove Technology Ltd, Unit 8G, Whitehouse Farm, Cold Norton, Staffordshire, ST15 0NS, United Kingdom
Tel: +44(0)1785 769 095 Fax: +44(0)1785 760 075 Email: enquiries@dovetechnology.co.uk

1.4 **Telephone number in case of emergency:**
01785 769 095 (Mon-Fri - 09.00-17.00)

2. Hazards identification

2.1 **Classification of the substance or mixture**

Classification under CHIP: Xi: R36/37/38; Xn: R40; Sens.: R42/43; Xn: R48/20

Most important adverse effects:

Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect.
May cause sensitisation by inhalation and skin contact.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

2.2 **Label elements under CLP:**

Hazard symbols: Harmful.



Risk phrases:

R36/37/38: Irritating to eyes, respiratory system and skin.

R40: Limited evidence of a carcinogenic effect.

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R42/43: May cause sensitisation by inhalation and skin contact.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Safety phrases:

S23: Do not breathe fumes.

S36/37: Wear suitable protective clothing and gloves.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

2.8. Other hazards

PBT: This substance is not identified as a PBT substance.

3. Composition and information about the components

3.1 Mixtures:

Hazardous materials

DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	9016-87-9	Xn: R40; Xn: R20; Xn: R48/20; Xi: R36/37/38; Sens.: R42/43	-	10-30%

N-METHYL-2-PYRROLIDONE

212-828-1	872-50-4	T: R61; Xi: R36/37/38	-	1-10%
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4. First-aid measures

4.1 Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

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Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. Fire-fighting measures

5.1. Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture:

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Personal precautions:

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point.

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures:

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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6.4. Reference to other sections:

Refer to section 8 of SDS.

7. Handling and storage

7.1. Precautions for safe handling:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities:

Store in cool, well ventilated area. Keep container tightly closed. Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s):

No data available.

8. Exposure controls/personal protection

8.1 Control parameters - Hazardous ingredients:

DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

Workplace exposure limits:

Respirable dust

State	8 hour TWA:	15 min. STEL:	8 hour TWA:	15 min. STEL:
UK	0.02 mg/m ³	0.07 mg/m ³	-	-

N-METHYL-2-PYRROLIDONE

UK	103 mg/m ³	309 mg/m ³	-	-
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8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried.

Respiratory protection: Respiratory equipment is required only if the general level exceeds the Working Exposure Limit (WEL). Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

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Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. Physical and chemical properties

9.1 Important health, safety and environmental information

State: Liquid

Colour: Yellow-brown

Odour: Perceptible odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not miscible

Viscosity: Viscous

Kinematic viscosity: 1000cps

Flash point °C: >200

Relative density: 1.16 @ 20°C

10. Stability and reactivity

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid:

Heat.

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10.5. Incompatible materials:

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products:

In combustion emits toxic fumes.

11. Toxicological information

11.1 Information on toxicological effects:

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated
Sensitisation	INH DRM	Hazardous: calculated
Repeated dose toxicity	INH	Hazardous: calculated

11.2 Symptoms/routes of exposure:

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. Ecological information

12.1. Toxicity

Not applicable.

12.2. Persistence and degradability

Biodegradable.

12.2. Bioaccumulative potential

No bioaccumulation potential.

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12.4. Mobility in soil

Readily absorbed into soil. Insoluble in water.

12.5. Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6. Other adverse effects

Negligible ecotoxicity. Isocyanates when in contact with water evolve carbon dioxide and form insoluble solids. Do not allow to enter into soil, drains or water courses.

13. Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 04 09

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

14.1 Transport class: This material is not classified for transport.

15. Regulatory information

15.1 Chemical safety assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: R20: Harmful by inhalation.

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R36/37/38: Irritating to eyes, respiratory system and skin. R40: Limited evidence of a carcinogenic effect.

R42/43: May cause sensitisation by inhalation and skin contact.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R61: May cause harm to the unborn child.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.