

nmc
SAFETY DATA SHEET

Last Update 01-01-04

Conforming to 91/155/EEC

N/A Not Applicable or not Relevant N/AV Not Available

DATA SHEET CLIMAFLEX ADHESIVE

1. MATERIAL/PREPARATION AND COMPANY IDENTIFICATION

Product name: Climaflex Adhesive. Product No 0070-e

Company undertaking Identification: nmc (uk) ltd,
Tafarnaubach Industrial Estate
Tredegar
South Wales
NP22 3AA

Emergency: Phone 01495 713266
Fax 01495 713277

Utilisation: nmc (uk) ltd Adhesives

Additional Information None

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical specification: Contact Adhesive

Other name: N/A

CAS No: N/A

Dangerous substances:

| Products | % | CAS No | R Phrase | HS Phrase |
|-------------|-------|--------|----------|-----------|
| Butanone | 25-50 | | R36/37 | |
| 2-Methylene | 25-50 | | R11 | |
| | | | | |
| | | | | |

Additional information None

3. HAZARD IDENTIFICATION

Specific Hazards Highly flammable

Inhalation. Inhalation of vapours is not recommended, seek medical advice if problems with breathing occur. Use in a well ventilated area.

Skin. Gloves are recommended

Eyes. Vapours may irritate the eye. Rinse eyes under running water for several minutes with eyes open, seek medical advice if irritation persists.

Ingestion. Seek medical advice if any symptoms occur

Additional Information None

4. FIRST AID MEASURES

Inhalation: If vapour has been inhaled, take the patient into fresh air, keep warm and allow to rest. If there is difficulty in breathing, seek medical advice immediately.

Skin Contact. Wash off with plenty of soap and water, not solvent.

Eye Contact: Wash immediately with copious amounts of clean water, if irritation persists seek medical advice.

Ingestion: DO NOT induce vomiting. If patient vomits turn to recovery position, give water to drink and get medical aid.

Additional Information None

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5. FIRE FIGHTING MEASURES

Unsuitable extinguishing: Water

Suitable extinguishing: carbon dioxide, dry chemicals and sand

Special procedure: N/A

Special fire hazard: Large Fires, use alcohol resistant foam. Keep containers cool by spraying with water.

Specific protective measures: Large Fires, Eye Hand and Respiratory protection is required

Additional Information None

6. ACCIDENTAL RELEASE MEASURES

Individual protective measures: Gloves are recommended

Environmental precautions: Use sand barriers to contain spillage and prevent entry into Drainage Systems.

Cleaning procedures: The spillage should be put into clean containers for approved disposal, see disposal considerations.

Additional Information If the spillage is inside a building, make sure there is adequate ventilation before commencing the clean-up operation. Solvent fumes are heavier than air and there could be a high concentration at low level.

Extinguish all naked flames.

7. HANDLING AND STORAGE

Fire hazard: Keep containers tightly closed and dry and ensure there is adequate ventilation to keep solvent concentrations well below statutory levels. Keep well away from sources of ignition, no smoking.

Storage: Recommended storage temperatures are +10°C to +25° C, Keep away from strong acids.

Packaging to avoid: N/A

Adequate packaging N/A

Additional Information Avoid dropping packages or containers to prevent accidental spillage.

8. EXPOSURE CONTROLS/INDIVIDUAL PROTECTION

Technical protection Adequate ventilation.

Individual hygiene measures: Keep away from food and beverages. Wash hands each break and at the end of the shift.

Exposure limits: Butanone-2- and Methylene OEL, 590-700mg/m³

Individual protection equipment: Boiler suits or suitable overalls.

Respiratory protection: Required in inadequately ventilated workspaces, Air fed masks are only suitable for short exposure periods.

Hand protection: Gloves are recommended PVC or nitrile.

Eyes protection: Goggles are recommended

Body and skin protection: see above

Addition Information None

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance at (20°C) Liquid

Colour Amber

Odour: Characteristic

pH N/A

Boiling Point N/A

Melting Point 55to85°C

Flash Point Above 60°C

Specific Gravity N/A

Autoflammability N/A

Flammability (solid, Gas) N/A

Ignition Temperature N/A

Self Ignition Temperature. N/A

Oxidizing Properties N/A

Explosive Properties N/A

Lower explosion limit 1%

Higher explosion limit N/A

Vapour Pressure 34.5kPa

Relative Density/ Bulk Density 0.82g/cm³

Solubility (water) Immiscible

Partition Coefficient N/A

Viscosity Approx. N/A

Additional Information None

10. STABILITY AND REACTIVITY

Stability: Stable and un-reactive at normal temperatures and pressures

Conditions to avoid: High Temperatures

Materials to avoid: Strong Acids and base

Decomposition products At very high temperatures the solvent will decompose evolving .CO.CO2 fumes and Hydrochloric acid

Additional Information None

11. MATERIAL/PREPARATION AND COMPANY IDENTIFICATION

Toxicological Information No Information available. Read the notes under Section 3

Acute toxicity N/A

Toxicity by inhalation Dangerous

Toxicity by skin contact Dries the skin

Toxicity by eye contact Irritation

Toxicity by ingestion N/A

Additional information No sensitising effect known

12. ENVIRONMENTAL INFORMATION

Information Do not allow undiluted or large amounts of this product to enter ground water, water or drains

Biological degradation N/A

Bio-accumulation N/A

Ecotoxicity N/A

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13. DISPOSAL CONSIDERATION

Waste treatment Incinerate only in officially approved Incinerators.

Packaging treatment Empty containers , which have completely dried out (having no remaining solvent odour) may be disposed of as normal waste providing the hazard signs have been removed

Additional Information None

14. TRANSPORT INFORMATION

UN Number: 1133

ADR classification, road. 3

ADR number, road. 5b

IMDG classification, sea. 3.2

IATA classification, air. N/A

Packing Group Group 3

Additional Information. ADN:11

15. REGULATORY INFORMATION

Contents: Butanone, 2-Methylene

EEC number: N/A

Hazard symbols F Easily inflammable

R phrases R11 R36/37

S phrases S16 S26 S51

Additional Information None

16. OTHER INFORMATION

This information provided in this Safety Data Sheet is based on our present state of our knowledge. This Data is intended to enable the user to make his or her own safety assessment and should not therefore be construed as guaranteeing specific properties. Users are recommended to consult the Technical Data Sheets for advice on specific applications.

Considerable efforts were invested in checking the reliability of the above mentioned data. Neither the author, the company or the authorities who have provided this information will be held responsible for any loss or damage resulting from the use of above mentioned information.

Additional Information R11 Highly inflammable, R36/37 Irritation to the eyes and Respiratory system, S16 Keep away from sources of ignition and no smoking, S26 IN case of contact with eyes ,rinse immediately with plenty of water and seek medical advice. S51 use only in well ventilated areas