

This safety data sheet has been prepared in accordance with the requirements of EC Directives 1999/45/EC and 2001/58/EC and provides information relating to the safe handling and use of the product.

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**1. PRODUCT AND COMPANY INFORMATION**

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<b>Product Code</b>	Nitromors
<b>Trade Name</b>	Nitromors All Purpose Paint & Varnish Remover
<b>Manufacturer/Supplier</b>	Henkel Loctite Adhesives Ltd.
<b>Address</b>	Watchmead, Welwyn Garden City, Herts., AL71JB. UK
<b>Phone Number</b>	01 707 358800
<b>Fax Number</b>	01 707 358900
<b>Emergency Phone Number</b>	+353-1-4599301/+353-87-2629625/+353-1-4046444

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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<b>Nature</b>	Paint & Varnish Remover			
<b>Hazardous Components in Product for EC</b>				
<b>Component Name</b>	<b>CAS / EINEC</b>	<b>Concentration</b>	<b>R Phrases</b>	<b>Classification</b>
Methylene Chloride	75-09-2	200-838- 80.00 - 90.00	R40, R52, R53	Xn, N
Methanol	67-56-1	200- 10.00 - 20.00	R11, R23/25	F, T
	659-6			

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**3. HAZARD IDENTIFICATION**

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Possible risk of irreversible effects.  
Harmful by inhalation and if swallowed.  
Solvent will have a defatting action on the skin making it more susceptible to dermatitis and sensitisation. Inhalation of vapours may cause headaches or dizziness.

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**4. FIRST AID MEASURES**

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**First Aid - Inhalation**

If breathing stops or shows signs of failing, give artificial respiration. Obtain medical attention urgently.

**First Aid - Skin**

Wash with plenty of soap and water. If irritation persists, seek medical advice.

**First Aid - Eyes**

Flush eyes immediately with plenty of water for at least 15 minutes. Seek medical attention immediately.

**First Aid - Ingestion**

Rinse mouth with water then give plenty of water to drink. Do not induce vomiting. Obtain medical attention urgently.

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**5. FIRE FIGHTING MEASURES**

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If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

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**6. ACCIDENTAL RELEASE MEASURES**

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Ensure adequate ventilation. Wear protective clothing and suitable respiratory protection. Avoid

## 6. ACCIDENTAL RELEASE MEASURES

contact with skin and eyes and avoid inhalation of vapours Try to prevent the material from entering drains or water courses. Contain spillage, and absorb onto an inert absorbent such as sand or multisorb and place in a sealed container for supervised disposal.

## 7. HANDLING AND STORAGE

### Handling

Handle and open with care: pressure may occur if the container is stored in a warm area. Wear suitable protective clothing, gloves and safety glasses. Avoid inhaling vapour. Avoid sources of ignition - no smoking. Use product in well ventilated area.

### Storage

Keep in a dry, cool and well-ventilated place. Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

#### Methylene Chloride

ACGIH: TLV 50ppm 8h TWA.

HSA (1997) C.O.P : OEL 100ppm (350mg/m<sup>3</sup>) 8h TWA.

HSA (1997) C.O.P : OEL 300ppm (1050mg/m<sup>3</sup>) 15 min exposure limit.

#### Methanol

ACGIH: TLV 200ppm (262mg/m<sup>3</sup>) 8h TWA.

ACGIH: STEL 250ppm 15min TWA.

HSA (1997) C.O.P : OEL 200ppm (260mg/m<sup>3</sup>) 8h TWA.

Good industrial hygiene practices should be observed. Ensure adequate ventilation to maintain airborne concentration below OEL. Avoid inhalation of vapour. Avoid contact with skin, eyes and clothing. Wear suitable protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Viscous liquid.
<b>Colour</b>	Clear Colourless.
<b>Odour</b>	Strong Characteristic.
<b>pH</b>	Not measurable.
<b>Boiling Range/Point (°C)</b>	38-47
<b>Flash Point (CC) (°C)</b>	None.
<b>Specific Gravity</b>	No data.
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	Slightly soluble
<b>Solubility in Acetone</b>	Soluble
<b>Vapour Pressure (mmHg @25°C)</b>	300 mmHg at 20 °C.
<b>Explosion Limits (%)</b>	None.

## 10. STABILITY AND REACTIVITY

The product is relatively stable under normal conditions of use.

The primary component (methylene chloride) will decompose on red hot surfaces, in electric arcs or naked flame to evolve predominately hydrochloric acid and a trace amount of phosgene gas.

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**11. TOXICOLOGICAL INFORMATION**

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**Inhalation**

This product is harmful by inhalation. This product contains a volatile solvent, methylene chloride, which is a Category 3 Carcinogen which means there is no evidence of carcinogenicity in humans and limited evidence in animal inhalation studies. Exposure to significant vapour concentrations or injection of large quantities can take some time to eliminate from the body. Large concentrations can be fatal due to CNS effects.

**Skin**

Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

**Eyes**

Contact with eyes will cause irritation.

**Ingestion**

Harmful if swallowed. May irritate the digestive tract and cause nausea if swallowed. This product contains methanol which if ingested is slowly metabolised to Formaldehyde and Formic acid which may cause damage to the optic nerve leading to blindness.

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**12. ECOLOGICAL INFORMATION**

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The product should not go into drains or surface water. May cause long-term adverse effects in the aquatic environment.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with local and national regulations. Incinerate or bury in legal landfill.

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**14. TRANSPORT INFORMATION**


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<b>UN Number</b>	2810
<b>Air (IATA)</b>	Toxic liquid, organic, n.o.s, Class 6.1, Pkg. Grp. III
<b>Sea (IMO)</b>	Toxic liquid, organic n.o.s, Class 6.1, Pkg. Grp. III EmS 6.1-02 MFAG 340.
<b>Road (ADR)/Rail (RID)</b>	Toxic substance, Class 6.1, Item No. 25° (c).

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**15. REGULATORY INFORMATION**

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<b>Contains</b>	Dichloromethane and Methanol
<b>Labelling Information</b>	 Harmful
<b>R phrases</b>	R40 Limited evidence of a carcinogenic effect. R20/22 Harmful by inhalation and if swallowed.
<b>S phrases</b>	S23 Do not breathe vapour. S24/25 Avoid contact with skin and eyes. S36/37 Wear suitable protective clothing and gloves. S51 Use only in well ventilated areas.
<b>Voluntary Labelling</b>	-

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**16. OTHER INFORMATION**

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**Hazardous Components in Product for EC**

<b>Component Name</b>	<b>R Phrases</b>
Methylene Chloride	R40, R52, R53
Methanol	R11, R23/25

**Component Name**R11  
R23/25  
R40  
R52  
R53**R Phrases**R11 Highly flammable.  
R23/25 Toxic by inhalation and if swallowed.  
R40 Limited evidence of a carcinogenic effect.  
R52 Harmful to aquatic organisms.  
R53 May cause long-term adverse effects in the aquatic environment.

Prepared by:

Caroline Walsh MSc  
HRA Specialist  
Health & Regulatory Affairs - Europe

Further Information may be obtained from:-

Loctite Corporation,  
Health and Regulatory Affairs - Europe,  
Tallaght Business Park,  
Whitestown,  
Dublin 24,  
Ireland.

Tel: +353-1-4046444.

Fax: +353-1-4510806.

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