



SAFETY DATA SHEET



1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: M-COAT J CURING AGENT

Company/undertaking identification:

Registered company name: VISHAY MEASUREMENTS GROUP UK LTD

Address: Stroudly Road Basingstoke Hampshire RG24 8FW ENGLAND

Telephone: +44 (0) 1256 462131 Fax: +44 (0) 1256 471441.

Email : vmm.us@vishaymg.com

Emergency telephone: (00-1) 703-527-3887.

Association/Organisation: CHEMTREC.

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

Possibility of category two toxic effects on reproduction.

Possibility of noxious effects with symptoms of slight poisoning by inhalation and contact with the skin.

May cause harm to the unborn child.

Preparation classification:


Toxic

R 20/21	Harmful by inhalation and in contact with skin.
R 61	May cause harm to the unborn child.
	For professional use only.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

INDEX	CAS	EC	Name	Symb.	R:	%
616-011-00-4	127-19-5	204-826-4	N,N-DIMETHYLACETAMIDE	T	61.G2 20/21 Note(s): E	50 <= x % < 100

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
	1332-58-7	310-194-1	KAOLIN			2.5 <= x % < 10
	1333-86-4	215-609-9	NOIR DE CARBONE			1 <= x % < 2.5

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not give the patient anything orally.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

In the event of swallowing:

Consult a doctor and show him the label.

5 - FIRE-FIGHTING MEASURES

Not relevant.

Special protective equipment for fire-fighters:

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid any contact with the skin and eyes.

Avoid inhaling dust.

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Avoid exposure to pregnant women and warn women of child-bearing age of the possible risks

Handling:

Handle in well-ventilated areas.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Avoid exposure - obtain special instructions before use.

Avoid inhaling dust.

Avoid contact of product with the skin and eyes

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry, well-ventilated place

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
127-19-5	2	7.2	10	36	*, R2	-

1333-86-4	-	3.5	-	-	-	-
1332-58-7	-	10	-	-	-	25

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
127-19-5	36	10	72	20	Peau

Exposure limit values (2003-2006):

Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:		
127-19-5	10 ml/m3	36 mg/m3	2(II)	DFG, EU, H, Y		
Switzerland	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Temps:	RSB:
127-19-5	35 mg/m3	10 ppm	70 mg/m3	20 ppm	4x15	R
1332-58-7	3 A mg/m3	-	-	-	-	-
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
127-19-5	10 ppm	20 ppm	-	-	-	
1333-86-4	3.5 mg/m3	7 mg/m3	-	-	-	
1332-58-7	2 mg/m3	-	-	-	R	
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
127-19-5	10 ppm	20 ppm	-	-	-	
1333-86-4	3.5 mg/m3	7 mg/m3	-	-	-	
1332-58-7	2 mg/m3	-	-	-	R	
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
127-19-5	10 ppm	-	-	-	-	
1333-86-4	3.5 mg/m3	-	-	-	-	
1332-58-7	2 mg/m3	-	-	-	R	

Respiratory protection:

With this preparation, avoid in particular any inhalation of vapors.

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES**General information:**

Physical state:	paste
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Important health, safety and environmental information:

pH of the substance or preparation:	not relevant.
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The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range:	100 °C.
Flash point interval:	not relevant.
Vapour pressure:	not relevant.
Density:	> 1
Density:	1.38
Water solubility:	Insoluble.
Vapour density:	>1 (Air=1)

Other information:

% VOC:	82
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10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

Materials to avoid:

Keep away from oxidising agents and strongly acidic materials to avoid exothermic reactions.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause category 2 teratogenic effects.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Other adverse effects:

Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This product is not classed as flammable.

Preparation classification:

Toxic

Contains:

204-826-4	N,N-DIMETHYLACETAMIDE
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Particular hazards associated with the preparation and safety recommendations:

R 20/21	Harmful by inhalation and in contact with skin.
R 61	May cause harm to the unborn child.
	For professional use only.
S 36/37	Wear suitable protective clothing and gloves.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 53	Avoid exposure - obtain special instructions before use.
S 38	In case of insufficient ventilation, wear suitable respiratory equipment.
S 60	This material and its container must be disposed of as hazardous waste.
	Product submitted to restrictions on the marketing and use: see Regulation (EC) No 1907/2006.
	Product not to be sold to the general public.

Particular provisions:

Product not to be sold to the general public. (Dir 76/769/EC) - For professional use only.

Attention - Avoid exposure - obtain special instructions before use.

Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

R 20/21	Harmful by inhalation and in contact with skin.
R 61.G2	May cause harm to the unborn child.