



SAFETY DATA SHEET



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

Identification of the substance or preparation:

Name: QA-500 PART B.

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 serious lesions to the eyes.

Possibility of irritation if inhaled.

The preparation causes sensitisation of the skin and respiratory organs. It also irritates the skin and prolonged contact may aggravate this effect.

Preparation classification:


Harmful

R 42/43	May cause sensitization by inhalation and skin contact.
R 37	Irritating to respiratory system.
R 41	Risk of serious damage to eyes.

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:	%
607-097-00-4	552-30-7	209-008-0	BENZENE-1,2,4-TRICARBOXYL IC ACID 1,2-ANHYDRIDE	Xn	37 41 42/43	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:

No known substance in this category present.

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:

In the event of inhalation, 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.
If the person is unconscious, place in the recovery position and call an ambulance.

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 swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Call a doctor immediately and show him the label.

5 - FIRE-FIGHTING MEASURES

Not relevant.

6 - ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Avoid inhaling dust.
Consult the safety measures listed under headings 7 and 8.
If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

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.
Anyone with a history of asthma, allergies, chronic or periodic respiratory problems must on no account use these preparations
Anyone with a history of skin sensitisation must on no account handle such products

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 inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.
In all cases, recover emissions at source
Provide vapor extraction at the emission source and also general ventilation of the premises
Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions
Product must not come into contact with the 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 place.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.
Anyone with a history of skin sensitisation, asthma, allergies, chronic or periodic respiratory problems must on no account use these preparations

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.
Check the atmosphere periodically.
If this ventilation is insufficient to maintain the concentration of vapors below the exposure limits, wear breathing apparatus

Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
552-30-7	0.005	0.04	-	-	ALL	66.66 Bis

Exposure limit values (2003-2006):

Switzerland	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Temps:	RSB:
552-30-7	0.04 mg/m3	5 ppm	0.04 mg/m3	5 ppm	15min	S
Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:		
552-30-7	-	0,04 mg/m3 A	1(l)	DFG		
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
552-30-7	0.04 mg/m3	0.12 mg/m3	-	-	-	
UK/MEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
552-30-7	0.04 mg/m3	0.12 mg/m3	-	-	-	
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:	
552-30-7	-	-	0.04 mg/m3	-	-	

Respiratory protection:

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

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Eye and face protection:

Avoid contact with eyes.

Wear safety goggles.

Provide eye washes in workshops where the product is constantly handled

Skin protection:

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

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

Physical state:	solid
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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:	390 °C.
Flash point interval:	Flash point > 60°C
Vapour pressure:	not relevant.
Density:	> 1
Water solubility:	Insoluble.

Other information:

melting point/melting range:	165 °C.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.

10 - STABILITY AND REACTIVITY

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

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause serious irritation of the respiratory system

It is generally agreed that substances contained are likely to cause, when applied to the eye of an animal, serious eye damage which persists for at least twenty-four hours.

It is generally agreed that substances contained are likely to cause, among certain predisposed subjects, a sensitisation reaction in the event of inhalation and exposure to the skin.

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 2 (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:

Harmful

Contains:

209-008-0	BENZENE-1,2,4-TRICARBOXYLIC ACID 1,2-ANHYDRIDE
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Particular hazards associated with the preparation and safety recommendations:

R 42/43	May cause sensitization by inhalation and skin contact.
R 37	Irritating to respiratory system.
R 41	Risk of serious damage to eyes.
S 22	Do not breathe dust.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Particular provisions:

Germany: WGK 2 (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 37	Irritating to respiratory system.
R 41	Risk of serious damage to eyes.
R 42/43	May cause sensitization by inhalation and skin contact.