



Material Safety Data Sheet
according to 91/155/EEC



Product name : Plextol B 500 (4172)
Revision : 07.10.2004 **Version :** 1.0.0
Print date : 10.01.2005

01. Identification of substance, preparation and company

Product name:

Plextol B 500 (4172)

Manufacturer/Supplier

Lascaux Colours & Restauro
Barbara Diethelm AG

Street/P.O.Box

Zürichstrasse 42

Country code/Postal code/Town/City

8306 Brüttisellen

Telephone / Telefax

+41 1 807 41 41 / +41 1 807 41 40

Emergency information

+41 1 251 51 51 (Tox Center) ++1 800 468 6942 (for U.S.A.)

02. Composition/information on ingredients

Chemical characterization

Aqueous dispersion of a copolymer based on ethyl acrylate and methyl methacrylate.

Hazardous components

AMMONIA SOLUTION ; CAS-No. : 1336-21-6

Percentage : 1 - 5 %

Classification : N ; R 50 C ; R 34

03. Hazards identification

Hazard designation

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 99/45/EC.

04. First-aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

After inhalation

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

After skin contact

Wash away with soap and water and rinse. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

05. Fire-fighting measures

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media

Waterjet.



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Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Do not allow the quenching water into the sewage system.

06. Accidental release measures

Personal precautions

Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

07. Handling and storage

Information for safe handling

Do not eat or drink during work - no smoking. Comply with the health and safety at work laws. For personal protection see Section 8.

Requirements to be met by storerooms and containers

No particular measures required.

Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep containers dry and cool. Comply with the health and safety at work laws.

Storage class (VCI) : 12

08. Exposure controls and personal protection

Components with critical values that require monitoring at the workplace (exposure limits)

AMMONIA SOLUTION ; CAS-No. : 1336-21-6

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)
Value : 50 ppm / 35 mg/m³
Category : = 1 =
Remarks : Y
Version date : 01.09.2001

Personal protective equipment

Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Eye protection

Use safety glasses.



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Body protection

After skin contact wash thoroughly with soap and water or use recognised skin cleanser. Do Not use solvents or thinners.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : Whitish.
Odour : Characteristic.

Relevant safety data

Boiling point / range :	(1013 hPa)	ca.	100	°C
Flash point :			not applicable	
Vapour pressure :	(50 °C)	ca.	120	hPa
Density :	(20 °C)		1.05 - 1.07	g/cm ³
pH value :			7.5 - 9.95	
Viscosity :	(20 °C)	<	100 - 20000	mPa.s

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

Additional toxicological information

There no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 15 for details.

12. Ecological information

Additional ecological information

General ecological information

There are no data available on the product itself. Do not empty into waters or drains.

13. Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

Land transport ADR/RID and GGVS/GGVE (2000)

Classification

Class : -

Land transport ADR/RID (2001)

Classification

Class : -



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Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EEC directives

Special designation for certain preparations

101 Safety data sheet available for professional user on request.

National regulatory information

Ordinance for average cases (StörfallV)

Dangerous ingredients according to StörfallV

AMMONIA SOLUTION ; CAS-No. : 1336-21-6

Regulation on inflammable liquids (VbF)

VbF-Class : Not dangerous according to VbF

Emission control act ("TA-Luft")

Sum organic substances class III : < 5 %

Water pollution classification

Class : 1 according VwVwS

16. Other information

Further information

The details in this material safety data sheet satisfy national and EU legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

R-Phrases of components

34 Causes burns
50 Very toxic to aquatic organisms

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.