



DATE: 18/01/99 VERSION 02

SAFETY DATA SHEET according to DM 28-1-1992

PRODUCT : DOMO 10 PART B

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**1 IDENTIFICATION OF THE SUBSTANCE, COMPOUND AND MANUFACTURER**

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Product identification: **DOMO 10, Part B**

Manufacturer identification: TENAX SPA, VIA I MAGGIO, 226/263  
37020 VOLARGNE - VERONA - ITALY  
TELEPHONE: 045•6860222  
FAX: 045•6862456

Emergency Response Number : INFOTRAC 1-800-535-5053

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**2 COMPOSITION AND INFORMATION ABOUT THE INGREDIENTS**

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**Chemical description:** Hardener for epoxy resin  
Modified cycloaliphatic amine

**Composition and information about the ingredients**

<u>Number</u>	<u>weight %</u>	<u>CAS number</u>	<u>Chemical description</u>
1	<17	100-51-6	Benzyl alcohol
2	<9	2855-15-2	Modified cycloaliphatic amine
3	>50		inert mineral fillers

<u>Number</u>	<u>EEC number</u>	<u>Symbols</u>	<u>Cautions</u>
1	603-057-00-5	Xn	R 20/22
2	612-067-00-9	C	R 21/22-34-43
3			no dangers

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**3 HAZARDS**

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Irritates the skins, the eyes and the lungs. It may be sensitive to certain people.

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**4 FIRST AID**

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**Symptoms and effects** may cause irritation to the eyes, skin and lungs

**First aid**

<b>In general</b>	In serious cases, consult a doctor. Remove contaminated clothing.
<b>Inhaling</b>	Take the patient to a well-ventilated area. If the patient has lost consciousness, let him/her stay firm on one side while he/she is being moved
<b>Skin</b>	Immediately wash the skin with soap and water
<b>Eyes</b>	Flush with running water for a few minutes keeping the eyes open
<b>Swallowing</b>	If pain persists, consult a doctor



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**5 FIRE FIGHTING**

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**Fire extinguishing agents** carbon dioxide, powder or sprayed water, carbon dioxide.  
Put out big fire with sprayed water or alcohol resistant foam.

**Combustion products** No harmful substances have been recorded after combustion.

**Specific safety devices** Wear a respirator

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**6 WHAT TO DO IN CASE OF SPILLAGE**

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**Personal precautions** Wear adequate protective clothing

**Environment protection** Do not let the product into sewers, quarries or basements

**Cleaning up** Clean up with absorbing material (sand, infusorial earth, acid binder, universal binder, sawdust). Use adequate systems capable of neutralising the effect of the product. The material should be disposed of as described at point 13.

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**7 HANDLING AND STORAGE**

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**Handling** For safe handling, provide adequate ventilation/exhaust systems in the work areas

**Storage requirements** Store in a cool place and keep the containers tightly closed.

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**8 EXPOSURE AND PERSONAL PROTECTION**

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**Inspection** Make sure the working environment is adequately ventilated.

**Personal protection**

**Respiratory system** No protective masks are not required in well ventilated places.

**Hands** Use protective gloves

**Eyes** Use goggles.

**Skin and body** Observe the precautions recommended for handling chemicals

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

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**State** paste

**Colour** white

**Odour** ammonia-like

**Boiling point** > 200°C

**Solubility in water** slightly soluble

**Flash point** >100°C

**Spontaneous ignition temperature:** the product does not spontaneously catch fire



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**Vapour pressure** at 20°C: <0.15 mbar  
**Density** at 20°C: 1.30-1.35 g/cu.cm  
**pH value** at 20°C: 11  
**Dynamic viscosity** at 20°C: >350000 cps

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**10 STABILITY AND REACTIVITY**

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**Stability** The product does not decompose if used according to instructions

**Dangerous reactions** No dangerous reactions have been recorded.

**Harmful substances produced after decomposition** No harmful substances have been recorded.

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**11 INFORMATION ABOUT TOXICITY**

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**Acute toxicity:**

**Values LD/LC 50 relevant for classification**

Components Type	Value	Species
Benzyl alcohol	oral	1230 mg/kg rat
	cutaneous	2000 mg/kg rat
Pure phenol	oral	414 mg/kg rat
	cutaneous	670 mg/kg rat
	by inhaling	316 mg/l/4 h rat

**Irritation**

**Skin** Corrosive to the skin and mucous membrane

**Eyes** Strong irritation and risk of serious injury to the eyes

**Sensitivity** sensitive when it comes into contact with the skin

**Other information** If swallowed, it causes serious damage to the oral cavity, pharynx, oesophagus and stomach.

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**12 EFFECTS ON THE ENVIRONMENT**

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**Precautions** effects on water (class 1 D): slightly dangerous  
Do not let it undiluted or in large amounts into ground water, watercourses and sewers.



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**13 DISPOSAL**

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Product For products catalysed or in liquid state, they should be disposed of in dumping sites or in authorised incinerators. The transport to dumping sites should be performed by authorised companies and firms

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**14 TRANSPORT**

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By road and by rail	Class ADR/RID: 8 corrosive substances UN no:2735
By sea	IMDG Code: 8 Package, Class III
By air	Class ICAO/IATA: 8 UN no: 2735 Package, Class III

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**15 REGULATIONS**

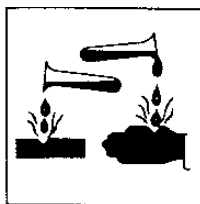
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Harmful components modified cycloaliphatic amine (corrosive)

Symbols conforming with Law no. 256 of 29.5.1974

Symbol

Corrosive C



**Warning statements (R)** 20/21/22 Harmful if inhaled, in contact with the skin and swallowed.  
34 may cause burns.

**Cautions (S)** 43 may be sensitive when in contact with the skin.  
36/37/39 Use protective clothing and adequate gloves; protect your eyes/face.  
26 In case of contact with the eyes, thoroughly wash with water and consult a doctor.  
28 In case of contact with the skin, thoroughly wash with water and soap.



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**16 OTHER INFORMATION**

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n.a. = irrelevant

n.d. = not provided

The information presented herein is based on data considered to be accurate at the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazard inherent in the nature of the product. This product must be stored, handled and used in compliance with current sanitary regulations and laws. Furthermore the specifications and description given herein cannot be used to void a contract.

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