

**MASTIC M50 DURCISSEUR - 21050000D**



**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : MASTIC M50 DURCISSEUR  
Product code : 21050000D.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Putty

**1.3. Details of the supplier of the safety data sheet**

Registered company name : MAPAERO- Aerospace Coatings.  
Address : 10 Avenue de la Rijole.09100.Pamiers.France.  
Telephone : 33 (0)5 34 01 34 01. Fax : 33 (0)5 61 60 23 30.  
sales.mapaero@mapaero.com  
www.mapaero.com

**1.4. Emergency telephone number : 33 (0)1 45 42 59 59 .**

Association/Organisation : ORFILA.

**SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Skin irritation, Category 2 (Skin Irrit. 2, H315).  
Eye irritation, Category 2 (Eye Irrit. 2, H319).  
Skin sensitisation, Category 1 (Skin Sens. 1, H317).  
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Skin irritation (Xi, R 38).  
Eye irritation (Xi, R 36).  
Skin sensitisation (Xi, R 43).  
Aquatic environmental hazard, chronic toxicity: harmful (R 52/53).  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**2.2. Label elements**

Mixture for spray application.

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

EC 445-790-1 BENZENE DIMETHANAMINE-1,3 DERIVES N-(-PHENYLETHYL)

Hazard statements :

|      |  |
|------|--|
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary statements - Prevention :

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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|                                       |  |
|---------------------------------------|--|
| P273                                  | Avoid release to the environment.  |
| P280                                  | Wear protective gloves/protective clothing/eye protection/face protection.   |
| Precautionary statements - Response : |  |
| P305 + P351 + P338                    | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332 + P313                           | If skin irritation occurs: Get medical advice/attention.   |
| P333 + P313                           | If skin irritation or rash occurs: Get medical advice/attention.   |
| P337 + P313                           | If eye irritation persists: Get medical advice/attention.  |
| P362                                  | Take off contaminated clothing and wash before reuse.  |

**2.3. Other hazards**

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European CHemical s Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>  
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

No substances fulfill the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

**3.2. Mixtures**

**Composition :**

| Identification  | (EC) 1272/2008  | 67/548/EEC  | Note | %               |
|---|---|---|------|-----------------|
| INDEX: M006<br>CAS: 7727-43-7<br>EC: 231-784-4<br><br>SULFATE DE BARIUM   |   |   | [1]  | 50 <= x % < 100 |
| INDEX: M004<br>CAS: 14807-96-6<br>EC: 238-877-9<br><br>TALC   |   |   | [1]  | 10 <= x % < 25  |
| INDEX: 603-069-00-0<br>CAS: 90-72-2<br>EC: 202-013-9<br><br>2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL                       | GHS07<br>Wng<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Skin Irrit. 2, H315   | Xn<br>Xn;R22<br>Xi;R36/38                           |      | 2.5 <= x % < 10 |
| INDEX: M308<br>CAS: 404362-22-7<br>EC: 445-790-1<br><br>BENZENEDIMETHANAMINE-1,3 DERIVES<br>N-(PHENYLETHYL)             | GHS07, GHS05, GHS09,<br>GHS08<br>Dgr<br>Acute Tox. 4, H302<br>Skin Corr. 1A, H314<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Aquatic Chronic 1, H410<br>Aquatic Acute 1, H400 | C,N<br>C;R35<br>Xn;R48/22-R22<br>Xi;R43<br>N;R50/53 |      | 0 <= x % < 2.5  |
| INDEX: 607-195-00-7<br>CAS: 108-65-6<br>EC: 203-603-9<br>REACH: 01-2119475791-29<br><br>2-METHOXY-1-METHYLETHYL ACETATE | GHS02<br>Wng<br>Flam. Liq. 3, H226  | R10   | [1]  | 0 <= x % < 2.5  |

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**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.  
Watch out for any remaining product between skin and clothing, watches, shoes, etc.  
In the event of an allergic reaction, seek medical attention.  
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.

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*In the event of swallowing :*

Do not give the patient anything orally.

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

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

*4.2. Most important symptoms and effects, both acute and delayed*

No data available.

*4.3. Indication of any immediate medical attention and special treatment needed*

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

*5.1. Extinguishing media*

In the event of fire, use specifically suitable extinguishing agents. Never use water.

*Suitable methods of extinction*

In the event of a fire, use :

- foam
- water with AFFF (Aqueous Film Forming Foam) additive

*Unsuitable methods of extinction*

In the event of a fire, do not use :

- water
- water jet
- sprayed water or water mist

*5.2. Special hazards arising from the substance or mixture*

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

*5.3. Advice for firefighters*

No data available.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

*6.1. Personal precautions, protective equipment and emergency procedures*

Consult the safety measures listed under headings 7 and 8.

*For non fire-fighters*

Avoid any contact with the skin and eyes.

*For fire-fighters*

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

*6.2. Environmental precautions*

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

*6.3. Methods and material for containment and cleaning up*

Clean preferably with a detergent, do not use solvents.

*6.4. Reference to other sections*

No data available.

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**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

*7.1. Precautions for safe handling*

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

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**Fire prevention :**

Handle in well-ventilated areas.  
Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.  
Observe precautions stated on label and also industrial safety regulations.  
Never pour water into this mixture.  
Where the personnel must carry out work in a booth, whether for spraying or otherwise, the ventilation may be inadequate to control particles and solvent vapors in every case.  
It is therefore recommended that personnel wear masks with a compressed air supply during spraying operations until the concentration of particles and solvent vapors has fallen below the exposure limits.  
Avoid skin and eye contact with this mixture.  
Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

Keep the container tightly closed in a dry, well-ventilated place.  
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

| CAS      | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|----------|-------------|-----------|-------------|-----------|---------|
| 108-65-6 | 275         | 50        | 550         | 100       | Peau    |

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

| CAS      | VME :    | VME :     | Excess | Notes      |
|----------|----------|-----------|--------|------------|
| 108-65-6 | 50 ml/m3 | 270 mg/m3 | 1(l)   | DFG, EU, Y |

- France (INRS - ED984 :2008) :

| CAS      | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|----------|-----------|-------------|-----------|-------------|---------|----------|
| 108-65-6 | 50        | 275         | 100       | 550         | -       | -        |

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

| CAS        | TWA :   | STEL :  | Ceiling : | Definition : | Criteria : |
|------------|---------|---------|-----------|--------------|------------|
| 7727-43-7  | 4 mg/m3 | -       | -         | -            | R          |
| 14807-96-6 | 1 mg/m3 | -       | -         | -            | R          |
| 108-65-6   | 50 ppm  | 100 ppm | -         | -            | -          |

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.  
Use eye protectors designed to protect against liquid splashes  
Before handling, wear safety goggles with protective sides accordance with standard EN166.  
In the event of high danger, protect the face with a face shield.  
When spraying, wear a face shield in accordance with standard EN166.

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Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Suitable type of protective boots :

ISO 2345

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

**- Respiratory protection**

Type of mask with combined filters :

Wear a half mask in accordance with standard EN140.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A2 (Brown)

Particle filter according to standard EN143 :

- P3 (White)

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**General information :**

Physical state : viscous liquid.

**Important health, safety and environmental information**

pH : Not relevant.  
Boiling point/boiling range : 99 °C.  
Flash Point Interval : PE > 100°C.  
Vapour pressure (50°C) : Below 110 kPa (1.10 bar).  
Density : > 1  
Water solubility : Insoluble.  
Melting point/melting range : -25 °C.  
Self-ignition temperature : 406 °C.  
Decomposition point/decomposition range : not relevant.

**9.2. Other information**

VOC (g/l) : 79

**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

Avoid :

- humidity

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- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

**10.5. Incompatible materials**

Keep away from :

- water
- acids
- bases
- oxidising agents

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture**

No toxicological data available for the mixture.

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**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

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

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK) :**

WGK 2 (VwVwS vom 27/07/2005, KBws) : Hazardous for water.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

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.

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**Soiled packaging :**

Empty container completely. Keep label(s) on container.  
Give to a certified disposal contractor.

**Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :**

15 01 10 \* packaging containing residues of or contaminated by dangerous substances  
08 01 11 \* waste paint and varnish containing organic solvents or other dangerous substances

**SECTION 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 2011 - IMDG 2010 - ICAO/IATA 2012).

**SECTION 15 : REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 286/2011

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK) :**

Germany : WGK 2 (VwVwS vom 27/07/2005, KBws)

**- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :**

NFPA 704, Labelling: Health=2 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



**15.2. Chemical safety assessment**

No data available.

**SECTION 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 mixture must not be used for other uses than those specified in section 1 without having first obtained 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 in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Hazard symbols :



Irritant

Contains :

EC 445-790-1 BENZENEDIMETHANAMINE-1,3 DERIVES N-(-PHENYLETHYL)

Risk phrase :

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 43 May cause sensitisation by skin contact.

R 36/38 Irritating to eyes and skin.

Safety phrase :

S 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

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|      |   |
|------|---|
| S 24 | Avoid contact with skin.  |
| S 37 | Wear suitable gloves.   |
| S 26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S 60 | This material and its container must be disposed of as hazardous waste.                       |

**Title for H, EUH and R indications mentioned in section 3 :**

|         |  |
|---------|--|
| H226    | Flammable liquid and vapour.   |
| H302    | Harmful if swallowed.  |
| H314    | Causes severe skin burns and eye damage.   |
| H315    | Causes skin irritation.  |
| H317    | May cause an allergic skin reaction.   |
| H319    | Causes serious eye irritation.   |
| H335    | May cause respiratory irritation.  |
| H373    | May cause damage to organs through prolonged or repeated exposure .                              |
| H400    | Very toxic to aquatic life.  |
| H410    | Very toxic to aquatic life with long lasting effects.  |
| R 10    | Flammable.   |
| R 22    | Harmful if swallowed.  |
| R 35    | Causes severe burns.   |
| R 36/38 | Irritating to eyes and skin.   |
| R 43    | May cause sensitisation by skin contact.   |
| R 48/22 | Harmful: danger of serious damage to health by prolonged exposure if swallowed.                  |
| R 50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
GHS07 : Exclamation mark