
SAFETY DATA SHEET

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

Preparation:

Name: PEINTURE TRACAGE MARQUAGE.
Product code: TRACE MARK

Company/business:

Registered company name: MARQUAGE PLUS
Address: ZAE LA GANE – 24 490 ST MICHEL DE RIVIERE
Telephone: 05 53 92 57 76 Fax: 05 53 92 57 76
Emergency telephone No.: .
Association/Organisation: .

2 - COMPOSITION/INFORMATION ON INGREDIENTS

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)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold.

INDEX 607-022-00-5 CAS 141-78-6 CE 205-500-4 ETHYL ACETATE | Concentration $\geq 2.50\%$ and $< 10.00\%$. Symbol: Xi
F R: 11-36-66-67

INDEX 607-025-00-1 CAS 123-86-4 CE 204-658-1 N-BUTYL ACETATE | Concentration $\geq 10.00\%$ and $< 25.00\%$. Symbol:
R: 10-66-67

Other substances with occupational exposure limits.

INDEX 603-019-00-8 CAS 115-10-6 CE 204-065-8 DIMETHYL ETHER | Concentration $\geq 25.00\%$ and $< 50.00\%$. Symbol:
F+ R: 12

Other components:

INDEX 649-330-00-2 CAS 64742-82-1 CE 265-185-4 NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY |
Concentration $\geq 10.00\%$ and $< 25.00\%$. Symbol: Xn R: 65

3 - IDENTIFICATION OF HAZARDS

This product is classed: Extremely flammable.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

Other data:

pressurized container
possibles sensation of cutaneous irritation

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.

Make use of reanimation technics. A prolonged clinic supervision can be usefull

In the event of splashes or contact with eyes.

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

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

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.

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.
If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

5 - FIRE-FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

In the event of fire, the recommended extinguishing agents are:

Special foams for polar liquids (known as alcohol resistant), powders, carbon dioxide.

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

Extinguishing agents not to be used

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Do not use compressed air during filling, emptying or handling.

Special equipment for fire-fighting personnel.

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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

Safety precautions:

Eliminate any possible source of ignition and ventilate the premises.

On account of the organic solvents contained in the preparation, eliminate sources of ignition and ventilate the premises.

Avoid inhaling the vapors.

Consult the safety measures listed under headings 7 and 8.

Prevent every risk of ignition of the steams.

Wearing of gloves, glasses and possibly with an autonomous mask.

The pouring can bring the surfaces slippery.

Environmental safety precautions:

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

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

Cleaning methods:

Clean preferably with a detergent, do not use solvents.

Use some absorbent.

The elimination must be carried out by a registered salvage professional.

7 - HANDLING AND STORAGE

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

Handling:

Handle in well-ventilated areas.

The vapors are denser than air. They can spread along the ground and form explosive mixtures with air

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Prevent accumulation of electrostatic charges.

Pulverise by short pressions, without prolonged pulverisation.
Follow hygiene and security rules because flammable capacity.
Do not use under tension.
Do not inhale steams.

Do not smoke.
Avoid inhalation of the steams.
N/A !

Fire prevention:

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorised personnel.
The steams can be toxic in case of combustion.
Prevent every contact with hot surfaces or every other ignition point.
Bring away every electric appliance.

Recommended equipment and procedures

For personal safety, see §8.
Observe precautions stated on label and also industrial safety regulations
Packages which have been opened must be reclosed carefully and stored in an upright position
Avoid inhaling vapors.
Do not smoke.
Gloves and glasses are recommended.
Keep the original packing. Do not pierce or burn even after use.
Follow the hygiene and security rules.
Rules of storage and manipulation applicables to the gaz under pressure.

Prohibited equipment and procedures.

Smoking, eating and drinking are prohibited in premises where the preparation is used
Never open the packages under pressure
Do not pierce or burn, even after use.
Follow the hygiene and the security rules.
Do not use under tension.
Prevent high temperatures.

Storage.

Keep the container tightly closed in a dry, well-ventilated place
Keep away from all sources of ignition - do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep out of reach of children
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.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures.

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

Exposure limits per INRS ND 2098-174-99 and ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
123-86-4	150	710	200	940	-	84
141-78-6	400	1400	-	-	-	84
115-10-6	-	-	-	-	-	-
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	

123-86-4	I	100	480	D		
141-78-6	I	400	1500	C		
115-10-6	IV	1000	1900	D		
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
123-86-4	150	713	200	950	-	S
141-78-6	400	1440	-	-	-	-
115-10-6	-	-	-	-	-	-

Exposure limits per 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
115-10-6	1000	1920	-	-	-

Other values (2003):

UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
123-86-4	150 ppm	200 ppm	-	-	-
141-78-6	200 ppm	400 ppm	-	-	-
115-10-6	400 ppm	500 ppm	-	-	-

Safety breathing apparatus:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

ACETATE ETHYL 607-022-00-5 VME 400ppm - 1400mg/m3

Hand protection.

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

Due to the solvents present, it is recommended that polyvinyl alcohol or latex rubber gloves be worn

Wearing gloves is recommended in case of frequent or prolonged contacts.

Eye and face protection.

Use eye protectors designed to protect against liquid splashes

It's better to wear glasses in case of possible projections.

Skin protection.

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

Wash with soaped water, then rinse with water during 15min in case of contact.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Density:	< 1
Acid/base character of preparation:	not relevant.
Solubility of preparation in water:	Insoluble.
Vapour tension at 50°C of volatile constituents:	Below 110 kPa (1.10 bar).
Physical state:	fluid liquid
Flash point interval:	Flash point: < 0°C. and distillation temperature <= 35°C.
The pH is impossible to measure or its value is not relevant.	
Self-ignition temperature:	200 °C.
Decomposition temperature:	200 °C.
Melting temperature interval:	not specified.
Average distillation temperature of solvents contained:	56 °C.

10 - STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Conditions to avoid:

Avoid the accumulation of electrostatic charges.

Keep away of any source of heat or of ignition.

Materials to avoid:

STRONGS OXYDISING AGENTS
Strong acids

Hazardous decomposition products:

Toxics products by example, carbon oxydes.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

In the event of exposure by inhalation.

In case of high concentration, the steams can be irritant with effect on the nervous system.

In the event of swallowing.

Accidentally absorption can be followed by respiratory accident.

Accidentally ingestion cause burn of the throat, which can be accompanied by gastric pain.

In the event of splashes or contact with skin.

Frequents contacts or prolonged ones can cause irritations.

In the event of splashes or contact with eyes.

Can cause irritations if nonimmediate decontamination.

Other data:

ethyl acetate INRS N°18

Butyl Acetate - INRS 31

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 data:

Do not throw out product in the nature, in residual watters or superficials ones

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Aerosol do not pierce or burn after use

CONSIGN TO AN APPROVED COLLECTOR. CONSULT THE PREFECTORAL ORDERS IN FORCE.

14 - TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport

UN1950=AEROSOLS

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.		
	2	5F	-	2.1	-	LQ2	190-625		
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.			
	2	-	-	SP277	F-D,S-U	63 190 191 277 913			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo		note
	2	2.1	-	203	75 kg	203	-	-	-
	2	2.1	-	Y203	30 kg G	-	-	-	-

15 - STATUTORY INFORMATION

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

~~In addition directive 2001/59/EC with the 28° adaptation of directive 67/548/EC (Hazardous substances) have been taken into account.~~

This preparation is not classed as hazardous to health by directive 1999/45/EC.

Preparation classification.

Extremely flammable.



Particular hazards associated with the preparation and safety recommendations:

- | | |
|---------|---|
| R 12 | Extremely flammable. |
| S 16 | Keep away from sources of ignition - no smoking. |
| S 2 | Keep out of reach of children.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. |
| S 23 | Do not breathe the steams. |
| S 51 | Use only in well ventilated areas. |
| S 62 | If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label. |
| S 24/25 | Avoid contact with skin and eyes.
Pulverise by short pressions, without prolonged pulverisation.
Do not use for any purpose other than the one for which it is intended. |
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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