

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE PREPARATION

(20/04/94)

Brand: PATINATION OIL FOR LEAD - H.D.P.P.

Use: anti-corrosion protection of the thixotropic oily varnish type

In case of emergency, contact:

DURIEU S.A

2. - COMPOSITION / INFORMATION ON THE COMPONENTS

Substances presenting a danger according to the Dangerous Substances Directive

Name	Concentration range	Symbol	R Phrases
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None

3. - DANGER IDENTIFICATION

Nature: "Flammable" (FP. v.c. + 59°C - Class 3 - 3)

4 - FIRST AID

Ingestion: the person in question should not absorb anything. Call the doctor

Inhalation: bring into fresh air - vapors are not toxic

Contact with the eyes: wash profusely with pure and clean water for at least 10 minutes, while keeping lids apart. If necessary, call a doctor.

Contact with the skin: Remove soiled clothing. Wash skin carefully with soap and water.

Don't use solvents nor thinners.

5 - FIRE FIGHTING MEASURES

Extinction means: - Recommended: alcohol-resistant foams, CO₂, powders.

- Do not use: water sprays.

Recommendations: Fire will provoke thick black smoke. Exposure to breakdown products could present health risks. Appropriate respiratory devices can be necessary. Sealed packs that have been exposed to fire should be cooled down with water. Make sure that liquids resulting from the fire fighting do not flow into sewers or rivers.

6. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILLAGE

- Avoid the risk of flames and sparks - ventilate the premises.
- Do not inhale vapors. Refer to the protection measures listed in items 7 and 9.
- Stop the spillage and avoid any dispersion of the product using non-combustible absorbent material, for example: sand, earth, vermiculite, diatomite.
- Collect the product in containers in order to discard according to the regulations in force (see item 13).
- Prevent any penetration in sewers or rivers.
- Clean preferably with a detergent: avoid the use of solvents.
- If the product contaminates ground water, rivers or sewers, warn the competent authorities according to the statutory procedures.

7 - HANDLING AND STORAGE

Handling

- Avoid vapor concentration (ventilate the premises where the product is used)
- Use the product in premises where there is no naked flame nor any other source of ignition. Protected electrical equipment is necessary.
- Ground storage tanks during transfers
- Keep packages tightly closed and store them far from any source of heat, sparks and naked flames. Do not use tools which could generate sparks.
- Avoid contact with eyes and skin as well as the inhalation of vapors and gunning sprays.
- It is prohibited to smoke, eat or drink in premises where the preparation is used.
- For individual protection, see chapter 8.
- Do not open packages by pressure and always keep the preparation in packages made of a material similar to the original.
- Comply to the work protection regulations.

Storage:

- Do not store in plastic packages - possible risk of deformation (plasticization)
- Store between - 30°C and + 50°C in a dry and well ventilated place.
- Keep away from any source of ignition or heat. Do not smoke.
- Open packages must be carefully closed and kept in vertical position.
- Keep away from oxidizing agents as well as strongly acid or alkaline materials.

8 - CONTROL OF EXPOSURE - INDIVIDUAL PROTECTION

Technical measures

- Provide adequate ventilation

Individual protection

- Respiratory protection: wear appropriate masks in case of use by pulverization.
- Hand protection: in case of lengthy or repeated contact, use gloves or protective creams.
- Eye protection: use eye protection designed against the projection of liquids.
- Skin protection: wear appropriate clothing. Wash the body parts which may be soiled.

9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Liquid
- Color: amber
- Odor: light
- pH: Neutral - close to 7
- Distillation interval: I.P.: + 175°C. - F.P.: + 315°C.
- Flash point (V.C.): + 59°C method: AFNOR T-60-103
- Self-ignition temperature: > 350°C
- Viscosity at 18°C: 13"4/10e method: Ford cut n°4 (NFT - 30 - 014)
- Density: 0.812 kg/l + - 5 g/l.
- Solubility: -in water: none in solvents: total
- Content in aromatic hydrocarbons lower than 5% in the fraction distilling before + 200°C.
- Does not contain any acid or basic product.