

SAFETY DATA SHEET
CHARBONNEL VERNIS NOIR A RECOUVRIR LAMOUR / LAMOUR BLACK COVERING VARNISH

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

PRODUCT NAME CHARBONNEL VERNIS NOIR A RECOUVRIR LAMOUR / LAMOUR BLACK COVERING VARNISH

APPLICATION Etching ground

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2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R20/21/22. Xi;R36/38. R43. N;R51/53. R10.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|-------------------------------------|-----------|-----------|---------|---|
| LIMONENE | 205-341-0 | 138-86-3 | < 1 % | R10 R43 Xi;R38 N;R50/53 |
| Terpinolene = p-mentha-1,4(8)-diene | 209-578-0 | 586-62-9 | < 1 % | Xn;R65. N;R51/53. R10. |
| Turpentine | 232-350-7 | 8006-64-2 | 60-100% | Xn;R20/21/22,R65. Xi;R36/38. N;R51/53. R10,R43. |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and provide fresh air. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

Oxidizes readily in air to unstable peroxides that may explode spontaneously. May explode when heated or when exposed to flames or sparks.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Ventilate well, stop flow of gas or liquid if possible. Remove ignition sources. Do not allow chemical to enter confined spaces such as sewers due to explosion risk. Sewers designed to preclude formation of explosive concentrations of vapour may be permitted. Dam and absorb spillages with sand, earth or other non-combustible material.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Provide good ventilation.

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STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | TWA - 8 hrs | | STEL - 15 min | | Notes |
|------------|-----|-------------|-----------|---------------|-----------|-------|
| Turpentine | | 100 ppm | 566 mg/m3 | 150 ppm | 850 mg/m3 | |

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

For exposure of 4 to 8 hours use gloves made of: Polyvinyl alcohol (PVA). P.T.F.E (Teflon).

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Provide eyewash, quick drench. Wear appropriate clothing to prevent any possibility of skin contact. Use engineering controls to reduce air contamination to permissible exposure level.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Wash promptly if skin becomes wet. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------|---------------------|------------------|----------|
| APPEARANCE | Liquid | | |
| COLOUR | Black | | |
| ODOUR | Turpentine. | | |
| SOLUBILITY | Insoluble in water | | |
| BOILING POINT (°C) | >156 760 mm Hg | RELATIVE DENSITY | 0,9 20°C |
| FLASH POINT (°C) | 41 CC (Closed cup). | | |

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns. Avoid: Air and oxidisers. Light.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION

May polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 5760 mg/kg (oral rat)

HEALTH WARNINGS

Gas or vapour is harmful on prolonged exposure or in high concentration. This chemical may cause skin/eye irritation. Irritant of eyes and mucous membranes. CNS depressant. Knowledge about health hazard is incomplete.

MEDICAL SYMPTOMS

Extreme irritation of eyes and mucous membranes, including burning and tearing. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. Severe skin irritation. Allergic rash. Nausea, vomiting. Drowsiness, dizziness, disorientation, vertigo. Headache.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

CHARBONNEL VERNIS NOIR A RECOUVRIR LAMOUR / LAMOUR BLACK COVERING VARNISH

DISPOSAL METHODS

Absorb in vermiculite or dry sand, dispose in licensed hazardous waste. Confirm disposal procedures with environmental engineer and local regulations.

14 TRANSPORT INFORMATION



| | | | |
|------------------|---|----------------|------|
| UN NO. ROAD | 1263 | ADR CLASS NO. | 3 |
| ADR CLASS | Class 3: Flammable liquids. | ADR PACK GROUP | III |
| HAZARD NO. (ADR) | 30 Flammable liquid (flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self heating liquid. | RID CLASS NO. | 3 |
| RID PACK GROUP | III | UN NO. SEA | 1263 |
| IMDG CLASS | 3 | IMDG PACK GR. | III |
| MARINE POLLUTANT | | UN NO. AIR | 1263 |



| | | | |
|-----------|---|--------------|-----|
| AIR CLASS | 3 | AIR PACK GR. | III |
|-----------|---|--------------|-----|

15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS

Turpentine

RISK PHRASES

| | |
|-----------|---|
| R10 | Flammable. |
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| R36/38 | Irritating to eyes and skin. |
| R43 | May cause sensitisation by skin contact. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

SAFETY PHRASES

| | |
|--------|--|
| S2 | Keep out of the reach of children |
| S13 | Keep away from food, drink and animal feeding stuffs. |
| S25 | Avoid contact with eyes. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S29/56 | Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. |
| S36/37 | Wear suitable protective clothing and gloves. |
| S46 | If swallowed, seek medical advice immediately and show this container or label. |

CHARBONNEL VERNIS NOIR A RECOUVRIR LAMOUR / LAMOUR BLACK COVERING VARNISH

| | |
|-----|---|
| S51 | Use only in well-ventilated areas. |
| S61 | Avoid release to the environment. Refer to special instructions/safety data sheets. |
| S64 | If swallowed, rinse mouth with water (only if the person is conscious). |

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

16 OTHER INFORMATION

DATE 15/04/2009

RISK PHRASES IN FULL

| | |
|-----------|--|
| R10 | Flammable. |
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| R65 | Harmful: may cause lung damage if swallowed. |
| R36/38 | Irritating to eyes and skin. |
| R38 | Irritating to skin. |
| R43 | May cause sensitisation by skin contact. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.