

DARWI VERNIS MAT - BRILLANT - SATINE

SECTION 1 - Identification of the substance/mixture and of the company/undertaking

1.1. - Product identifier

Trade name DARWI VERNIS MAT - BRILLANT - SATINE

Chemical name DARWI VERNIS MAT - BRILLANT - SATINE

Index No.

EC No.

CAS No.

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

Relevant identified uses of the substance or mixture - Alcohol-based varnish for creative leisure

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

The Clay and Paint Factory S.A.

Rue du Dossay 3

4020 WANDRE

Julien Désmaré +32 4 342 19 90 j.desmare@clay-and-paint.com

1.4. - Emergency telephone number

- CHEMTREC, US : +1-800-424-9300 International

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

| | |
|------------------|--|
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| STOT SE 3 (H336) | Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation |

2.2. - Label elements

Contains: 1-methoxy-2-propanol, monopropylene glycol methyl ether (CAS No.: 107-98-2)

Signal word

Danger

Hazard pictograms



Hazard statements

| | |
|------|------------------------------------|
| H225 | Highly flammable liquid and vapour |
| H336 | May cause drowsiness or dizziness |

Precautionary statements

| | |
|------|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking |
| P233 | Keep container tightly closed |
| P240 | Ground/bond container and receiving equipment |
| P241 | Use explosion-proof electrical, ventilating, lighting equipment |
| P242 | Use only non-sparking tools |
| P243 | Take precautionary measures against static discharge |

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| | |
|----------------|--|
| P261 | Avoid breathing vapours |
| P271 | Use only outdoors or in a well-ventilated area |
| P280 | Wear protective gloves, protective clothing, eye protection, Face protection shield |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell |
| P370+P378 | In case of fire: Use CO2, dry powder, alcohol-resistant foam for extinction |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed |
| P405 | Store locked up |
| P501 | Dispose of contents/container to an accredited treatment center |

2.3. - Other hazards

SECTION 3 - Composition/information on ingredients

3.1. - Substances

3.2. - Mixtures

SECTION 4 - First aid measures

4.1. - Description of first aid measures

| | |
|--|---|
| <u>Measures in case of inhalation</u> | <ul style="list-style-type: none">- Provide fresh air.- Medical examination necessary even merely on suspicion of intoxication. |
| <u>Measures in case of contact with skin</u> | <ul style="list-style-type: none">- After contact with skin, wash immediately with plenty of water and soap.- When in doubt or if symptoms are observed, get medical advice. |
| <u>Measures in case of contact with eyes</u> | <ul style="list-style-type: none">- Rinse immediately carefully and thoroughly with eye-bath or water.- In case of eye irritation consult an ophthalmologist. |
| <u>Measures in case of ingestion</u> | <ul style="list-style-type: none">- Rinse mouth thoroughly with water.- Do NOT induce vomiting.- Call a physician immediately. |

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

| | |
|---|-----------------------------|
| <u>Symptoms and effects after inhalation</u> | - No information available. |
| <u>Symptoms and effects after contact with skin</u> | - No information available. |
| <u>Symptoms and effects after contact with eyes</u> | - No information available. |
| <u>Symptoms and effects after ingestion</u> | - No information available. |

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

SECTION 5 - Firefighting measures

5.1. - Extinguishing media

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Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- High power water jet

5.2. - Special hazards arising from the substance or mixture

Special hazards

- No information available.

Decomposition products

- No information available.

5.3. - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6 - Accidental release measures

6.1. - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Provide adequate ventilation.
- Remove all sources of ignition.

For emergency responders

- No information available.

6.2. - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques

- No information available.

Appropriate clean-up procedures

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques

- No information available.

6.4. - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7 - Handling and storage

7.1. - Precautions for safe handling

Recommendations

- It is recommended to design all work processes always so that the following is excluded: generation/formation of aerosols
- Vapours can form explosive mixtures with air.
- When using do not smoke.
- Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.
- Use only in well-ventilated areas.

Advice on general occupational hygiene

- No information available.

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7.2. - Conditions for safe storage, including any incompatibilities

- Storage class Flammable liquids
- Keep container tightly closed and in a well-ventilated place.
- Do not store together with: Combustible substance
- Protect against: Heat

7.3. - Specific end use(s)

- Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

8.2. - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

- Protective gloves

- Eye protection

- Suitable protective clothing: lab coat
- Ingestion : Do not eat, do not drink, do not smoke during use.



SECTION 9 - Physical and chemical properties

9.1. - Information on basic physical and chemical properties

| <u>Physical state</u> | Liquid | <u>Appearance</u> | Liquid |
|-----------------------|--------|-------------------|-------------------|
| <u>Color</u> | cloudy | <u>Odor</u> | |
| pH | | | No data available |
| Boiling point | | | 100 °C |
| Flash point | | | 16 °C |
| Kinematic viscosity | | | No data available |
| Dynamic viscosity | | | No data available |
| Melting point | | | No data available |
| Freezing point | | | No data available |
| Evaporation rate | | | No data available |
| flammability | | | No data available |
| Lower explosion limit | | | No data available |

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| | |
|-------------------------------|-------------------|
| Upper explosion limit | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 0,97 |
| Density | No data available |
| Solubility (Water) | 0 g/ml |
| Solubility (Ethanol) | No data available |
| Solubility (Acetone) | No data available |
| Solubility (Organic solvents) | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |

9.2. - Other information

| | |
|-------------------------|-------------------|
| VOC content | No data available |
| Minimum ignition energy | No data available |
| Conductivity | No data available |

SECTION 10 - Stability and reactivity

10.1. - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2. - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4. - Conditions to avoid

- In case of warming: Ignition hazard

10.5. - Incompatible materials

- No information available.

10.6. - Hazardous decomposition products

- No information available.

SECTION 11 - Toxicological information

11.1. - Information on toxicological effects

Acute toxicity - Not classified

| | |
|---------------------------------------|-------------------|
| LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

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- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Not classified

Serious eye damage/irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation - May cause drowsiness or dizziness

Specific target organ toxicity - Repeated exposure - Not classified

Aspiration hazard - Not classified

SECTION 12 - Ecological information

12.1. - Toxicity

| | |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2. - Persistence and degradability

| | |
|---------------------------------|-------------------|
| BOD5 - Biological oxygen demand | No data available |
| COD - Chemical oxygen demand | No data available |
| % of biodegradation in 28 days | No data available |

- No information available.

12.3. - Bioaccumulative potential

| | |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log Kow | No data available |

- No indication of bioaccumulation potential.

12.4. - Mobility in soil

- No information available.

12.5. - Results of PBT and vPvB assessment

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12.6. - Other adverse effects

- Do not let penetrate into the groundwater, into waters or into the pipe, even in small quantity.

SECTION 13 - Disposal considerations

13.1. - Waste treatment methods

Appropriate methods of waste treatment - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - No information available.

SECTION 14 - Transport information

14.1. - UN number

Substance name :

UN number :

14.2. - UN proper shipping name

14.3. - Transport hazard class(es)

ADR Classification code :

Pictogramms

14.4. - Packing group

14.5. - Environmental hazards

Environmental hazards :

Marine pollutant :

14.6. - Special precautions for user

14.7. - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15 - Regulatory information

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

Components in the list of
Reach candidates

Components in Annex XIV

Components in Annex XVII

VOC content No data available

15.2. - Chemical safety assessment

Chemical safety assessment carried
out for the product - No information available.

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SECTION 16 - Other information

SDS versions

| Version No. | Date of issue | Description of the amendments |
|-------------|---------------|-------------------------------|
| 1 | 22-12-15 | |

Texts of the regulatory sentences

| | |
|---------------------|--|
| Flam. Liq. 2 | Flammable liquids, Category 2 |
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| H336 | May cause drowsiness or dizziness |
| STOT SE 3 (H336) | Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation |