



SAFETY DATA SHEET (SDS) POLISHING LIQUID

1. IDENTIFICATION

Product Name: Polishing Liquid
Other Name or Code: 3052104
Use: Polishing liquid for acrylic resins and metals
Supplier Name: DenPlus Inc.
Address: 333-M Chemin du Tremblay
Boucherville, QC, Canada, J4B 7M1
Phone Number for Information: 450.641.1330
Emergency Phone Number: 613.996.6666
Anti-Poison Center of Quebec 1.800.463.5060

2. HAZARDS IDENTIFICATION

2.1 Classification

Acute toxicity - oral- category 4 H302 Harmful if swallowed
Serious eye damage/eye irritation - Category 2 H319 Cause serious eye irritation

2.2 Label elements



Signal word: Warning

Hazard statements: H302 Harmful if swallowed
H319 Cause serious eye irritation

Precautionary statements: P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: call a poison center/doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 Rinse mouth

P337+P313
P501

If eye irritation persists: get medical advice/attention
Dispose of contents/container to hazardous waste in accordance with local, state or national legislation.

3. INFORMATION ON INGREDIENTS

Aqueous slurry of mineral bodies in polishing ammoniated water, small amounts of surfactants and pigments.

| Hazardous ingredients | CAS | Concentration range |
|-----------------------|------------|---------------------|
| Ammonium chloride | 12125-02-9 | 0.1 to 1 % |

4. FIRST-AID MEASURES

4.1 Description of first aid measures

| | |
|--------------|--|
| Inhalation | Not required. |
| Skin Contact | IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs, get medical attention. |
| Eye Contact | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Ingestion | IF SWALLOWED: rinse mouth. Induce vomiting. Obtain medical attention if ill effects occur. |

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.
May cause an eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None necessary.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

In case of fire, use water spray, carbon dioxide (CO₂), spray foam, dry powder. Do not use water jet.

5.2 Special hazards arising from the substance or mixture

No relevant information is available.

5.3 Advice for firefighters

None required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate working area. Avoid contact with skin and eyes.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect in containers for disposal in accordance with local regulations.

6.4 Reference to other sections

See sections: 7, 8 and 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Adequately trained personnel should manipulate this product.

Do not eat, drink or smoke at the work place.

Wash thoroughly after handling.

Avoid contact with eyes. Avoid prolonged skin contact.

Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers in a clean, cool and dry area. Natural ventilation is adequate.

Storage temperature (°C): Ambient.

Incompatible materials: None known.

7.3 Specific end use(s)

Polishing liquid for acrylic resins and metals. For dental professionals.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls

Do not eat, drink or smoke at the work place. Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded. Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required. The following information is given as general guidance.

Eye/face protection

Wear eye/face protection. Safety spectacles/goggles/full face shield.

Skin protection

Use of vinyl or nitrile gloves is recommended.

Suitability of gloves should be confirmed with glove manufacturer.
Respiratory protection Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--------------------|
| Appearance | Opaque Pink Liquid |
| Odor | Characteristic |
| pH (Value) | 8 - 10 |
| Boiling Point (°C) | 100 |
| Flash Point (°C) | > 150 |
| Flammability (solid, gas) | Not applicable |
| Flammable Limits | Not applicable |
| Vapor pressure (Pascal) | Not applicable |
| Vapor Density (Air=1) | Not applicable |
| Solubility (Water) | Soluble in water |
| Solubility (Other) | Not applicable |
| Partition Coefficient (n-Octanol/water) | Not applicable |
| Ignition Temperature (°C) | > 400 |
| Oxidizing properties | Not applicable |
| Density (g/ml) | 1.6 |

10. STABILITY AND REACTIVITY

10.1 Reactivity

Non-reactive material.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Ingestion

Inhalation

Skin contact

Eye contact

Low oral toxicity. Possibility of gastrointestinal irritation.

Unlikely to be hazardous by inhalation.

May cause skin irritation.

May cause irritation.

Toxicity

| Method | Route | Species | Value |
|----------|-----------|---------|--------------------|
| OECD 401 | Ingestion | Rat | LD50 > 5,000 mg/Kg |

12. ECOLOGICAL INFORMATION

12.1 Toxicity

This product is not ecotoxic if properly used and handled.

12.2 Persistence and degradability

This product has not been tested.

12.3 Bioaccumulative potential

This product has not been tested.

12.4 Mobility in soil

This product has not been tested.

12.5 Results of PBT and vPvB assessment

This product has not been tested.

12.6 Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

The waste is considered to be non hazardous. Dispose in accordance with local regulations.

13.1 Waste treatment methods

May be disposed by landfill in accordance with local regulations.

14. TRANSPORTATION CONSIDERATIONS

Not classified as Dangerous for Transport.

14.1 UN number

Not applicable.

14.2 UN Proper Shipping Name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

WHMIS 2015

Canadian Hazardous Products Regulations (SORS2015-17)

Canadian Hazardous Products Act (R.S.C., 1985, c. H-3)

Hazardous Products Information Regulation (Quebec S-2.1, r. 8.1)

16. OTHER INFORMATION

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