

Material Safety Data Sheet

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1 Identification of substance

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2 Composition/Data on components

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:** Not applicable

- **Non dangerous components:**

90622-46-1	Alkanes, C14-1-6	70.0%
8042-47-5	white mineral oil	30.0%

3 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**
The product does not have to be labelled due to the calculation procedure of international guidelines.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately rinse with water.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

(Contd. on page 2)

USA

Material Safety Data Sheet

Printing date 12/10/2007

Reviewed on 12/10/2007

Trade name: liquid wax cartridge

(Contd. of page 1)

- **After swallowing:** Do not induce vomiting; immediately call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:**
Wear fully protective suit.
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Keep away from heat and direct sunlight.
Avoid the formation of oil haze.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Protect from heat.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from flammable substances.
- **Further information about storage conditions:** Protect from heat and direct sunlight.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

8042-47-5 white mineral oil

PEL (USA) Short-term value: 5 mg/m³

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 3)

USA

Material Safety Data Sheet

Printing date 12/10/2007

Reviewed on 12/10/2007

Trade name: liquid wax cartridge

(Contd. of page 2)

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **General Information**

Form:	Liquid
Color:	water-white, oily
Odor:	mild hydrocarbon

· **Change in condition**

Melting point/Melting range:	≤-3 °C (≤27 °F)
Boiling point/Boiling range:	252 ~ 283°C (486 ~ 541°F)

· **Flash point:** ≥121 °C (≥250 °F)

· **Flammability (solid, gaseous):** Not available

· **Ignition temperature:** Not available

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower:	0.5 Vol%
Upper:	7 Vol%

· **Oxidizing properties** Not available

· **Vapor pressure:** Not available

· Density:	0.798 g/cm ³
· Relative density	Not available
· Vapour density	Not available
· Evaporation rate	Not available

· **Solubility in / Miscibility with**

Water: Not available

· **pH-value:** 7

· **Viscosity:**

Dynamic: 2.5~2.7 mPas

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous products of decomposition:** No dangerous decomposition products known.

USA

(Contd. on page 4)

Material Safety Data Sheet

Printing date 12/10/2007

Reviewed on 12/10/2007

Trade name: liquid wax cartridge

(Contd. of page 3)

11 Toxicological information· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

8042-47-5 white mineral oil

Oral LD50 >5000 mg/kg (rat)

· **Primary irritant effect:**· **on the skin:** Irritating effect possible· **on the eye:** Irritating effect possible· **Sensitization:** Sensitization possible.· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations· **Product:**

· **Recommendation:** Smaller quantities can be disposed of with household waste.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information· **DOT regulations:**· **Hazard class:** -· **Identification number:** -· **Packing group:** -· **Hazardous substance:** -· **Poison inhalation hazard:** -· **Proper shipping name (technical name):** -· **Label:** -· **Land transport ADR/RID (cross-border):**· **ADR/RID class:** -· **Danger code (Kemler):** -· **UN-Number:** -· **Label:** -· **Maritime transport IMDG:**· **IMDG Class:** -· **UN Number:** -· **Label:** -· **Packaging group:** -· **EMS Number:** -· **Marine pollutant:** No· **Propper shipping name:** -· **Air transport ICAO-TI and IATA-DGR:**· **ICAO/IATA Class:** -

(Contd. on page 5)

Material Safety Data Sheet

Printing date 12/10/2007

Reviewed on 12/10/2007

Trade name: liquid wax cartridge

(Contd. of page 4)

- **UN/ID Number:** -
- **Label** -
- **Packaging group:** -
- **Propper shipping name:** -

15 Regulations· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Cancerogenity categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.

The product has not been classified and marked in accordance respective national laws.

16 Other information

The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g)

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal

(Contd. on page 6)

Material Safety Data Sheet

Printing date 12/10/2007

Reviewed on 12/10/2007

Trade name: liquid wax cartridge

(Contd. of page 5)

of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable

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