

## Material Safety Data Sheet According to ISO/DIS 11014

Printing date 11/09/2005

Reviewed on 11/09/2005

### 1 Identification of substance:

- **Product details:**
- **Trade name:** Flitz Metal Polish, Fiberglass & Paint Restorer
- **Application of the substance / the preparation:** Metal Polish
- **Manufacturer/Supplier:**  
FLITZ INTERNATIONAL, LTD.  
821 Mohr Avenue  
Waterford, WI 53185
- **Telephone:** 262-534-5898
- **Fax:** 262-534-2991
- **E-Mail:** info@flitz.com
- **Website:** www.flitz.com

### 2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

#### · Dangerous components:

CAS: 68603-42-9 Polymer	COCAMIDE DEA	☒ Xi; R 38-41	< 5%
CAS: 8008-20-6 EINECS: 232-366-4	DEODORIZED KEROSENE	☒ Xn; R 65-66	< 25%

### 3 Hazards identification

- **Hazard description:** void
- **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)**



Health = 0  
Flammability = 0  
Reactivity = 0

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



HEALTH 0 Health = 0  
FIRE 0 Flammability = 0  
REACTIVITY 0 Reactivity = 0

### 4 First aid measures

- **General information:** Instantly remove any clothing soiled by the product.
- **After inhalation:**  
Seek medical treatment in case of complaints.  
Supply fresh air.
- **After skin contact:** The product is not skin irritating.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

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- **After swallowing:**  
Do not induce vomiting; instantly call for medical help.  
Rinse out mouth and then drink plenty of water.

### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

### 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:**

#### 8008-20-6 DEODORIZED KEROSENE

REL	100 mg/m <sup>3</sup>
TLV	200 mg/m <sup>3</sup> as total hydrocarbon vapor; Skin (P)

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **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
- **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.

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- **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Pasty
<b>Color:</b>	Blue
<b>Odor:</b>	Ammonia-like

#### · Change in condition

- |   |                              |
|---|------------------------------|
| <b>Melting point/Melting range:</b>       | Not determined               |
| <b>Boiling point/Boiling range:</b>       | 145°C (293°F)                |
| · <b>Flash point:</b>                     | Not applicable               |
| · <b>Ignition temperature:</b>            | 240.0°C (464°F)              |
| · <b>Auto igniting:</b>                   | Product is not selfigniting. |
| · <b>Danger of explosion:</b>             | Product is not explosive.    |
| · <b>Explosion limits:</b>                |                              |
| <b>Lower:</b>                             | 0.6 Vol %                    |
| <b>Upper:</b>                             | 7.0 Vol %                    |
| · <b>Vapor pressure at 20°C (68°F):</b>   | 23 hPa (17 mm Hg)            |
| · <b>Density at 20°C (68°F):</b>          | 1.150 g/cm <sup>3</sup>      |
| · <b>Solubility in / Miscibility with</b> |                              |
| <b>Water:</b>                             | Fully miscible               |
| · <b>pH-value at 20°C (68°F):</b>         | 9.0-10.0                     |

### 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

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved 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.

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### \* 12 Ecological information

- **Additional ecological information:**
- **General notes:** Water hazard class 2 (Self-assessment): hazardous for water.

### \* 13 Disposal considerations

- **Product:**
- **Recommendation:** Smaller quantities can be disposed with household garbage.
- **Uncleaned packagings:**
- **Recommendation:**  
Packaging can be reused or recycled after cleaning.  
Dispose of packaging according to regulations on the disposal of packagings.

### 14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

### \* 15 Regulations

- **Product related hazard informations:**  
Observe the normal safety regulations when handling chemicals  
The product is not subject to classification according to the directives on hazardous materials.
- **Safety phrases:**  
2 Keep out of the reach of children.

### \* 16 Other information

- These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- **Department issuing MSDS:** Department research & development
  - **\* Data compared to the previous version altered.**