



2018

Glass Polish Ltd
Glass Polish House
Ratoath Road,
Hollystown, D15 E2FP
Ireland

contact@glasspolishshop.com
www.glasspolishshop.com

Tel: 00353 1809 7733

MSDS | Metal Polishing Compound

MATERIAL SAFETY DATA SHEET
METAL POLISHING COMPOUND

Non-Hazardous Chemical, NON-Dangerous Goods

ISSUE DATE | 12.05.2016

REVISION DATE | 10.09.2018

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: METAL and STAINLESS-STEEL POLISH - Solvent-based metal polish
PRODUCT CODE: 14022 to 14025
32001, 32003
MANUFACTURER: Glass Polish Ltd
DIVISION: Abrasive System Division
ADDRESS: Glass Polish House
Ratoath Road
Hollystown, D15 E2FP
Ireland

EMERGENCY PHONE: 00353 1809 7733 0044 800324 7937
PRODUCT USE: polishing metal surfaces

SECTION 2: INGREDIENTS

Ingredients	CAS-nr.	Weight-%
Water	7732-18-5	70-80
Solvent 140	64742-47-8	15-33
Isopropyl	67-63-0	0-2

OSHA HAZARD COMMUNICATION (GLOBAL HARMONIZATION) AND WHMIS LABELING AND CLASSIFICATION:

This product does not meet the criteria for classification as hazardous under OSHA's Hazard Communication Standard (29CFR §1910.1200), and WHMIS (HPR).

GHS CLASSIFICATION: Not classified GHS LABEL ELEMENTS: Not classified

SECTION 3: HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of HSA.

DA

Not classified as Dangerous Goods by the criteria of the RSA for the Transport of Dangerous Goods by Road, Rail & Air and the Transport of Dangerous Goods on Land.



Labeling according to Regulation (EC) No 1272/2008

Pictogram: **Signal word:** Warning
Hazard Statements: H319 Causes eye irritation
H315 Causes skin irritation

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Dispersion

Odor, Color, Grade: Tan purple liquid, no odor

General Physical Form: Liquid

Immediate health, physical, and environmental hazards:

3.2 POTENTIAL HEALTH EFFECTS

- **Eye Contact:**
Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.
- **Skin Contact:**
Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.
- **Inhalation:**

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Prolonged or repeated exposure may cause:

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

- **Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations assume that appropriate personal and industrial hygiene practices are followed.

- **Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.
- **Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention.
- **Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.
- **If Swallowed:** Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURE

5.1 FLAMMABLE PROPERTIES

- **Autoignition temperature** *Not Applicable*
- Flash Point** *Not Applicable*
- Flammable Limits (LEL)** *Not Applicable*
- Flammable Limits (UEL)** *Not Applicable*

5.2 EXTINGUISHING MEDIA

- Material will not burn.

5.3 PROTECTION OF FIRE FIGHTERS

- **Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).
- Unusual Fire and Explosion Hazards:** Not applicable.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

6.2. Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods

Observe precautions from other sections. Call Glass Polish - HELPS line (00353 18097733) for more information on handling and managing the spill. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in enough absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with detergent and water.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid breathing of vapors, mists or spray. For industrial or professional use only.

7.2 STORAGE

Store under normal warehouse conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact with vapors, mists, or spray.

The following eye protection(s) are recommended: Safety Glasses with side shields.

8.2.2 Skin Protection

Avoid prolonged or repeated skin contact. Gloves not normally required.

8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray.

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for particulates.

For questions about suitability for a specific application, consult with your respirator manufacturer.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
--

Specific Physical Form:	Viscous liquid
Odor, Color, Grade:	Purple liquid,
General Physical Form:	Liquid
Autoignition temperature	<i>Not Applicable</i>
Flash Point	<i>Not Applicable</i>
Flammable Limits (LEL)	<i>Not Applicable</i>
Flammable Limits (UEL)	<i>Not Applicable</i>
Boiling Point	120 °C
Vapor Density	<i>No Data Available</i>
Vapor Pressure	17 mmHg [@ 20 °C]
Specific Gravity	2.4 - 2.5 [<i>Ref Std: WATER=1</i>]
pH	Neutral
Melting point	<i>Not Applicable</i>
Solubility in Water	Slightly soluble
Evaporation rate	<i>No Data Available</i>
Kow - Oct/Water partition coef	<i>No Data Available</i>
Viscosity	7 mm ² /s (40°C)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:

10.1 Conditions to avoid

None known

10.2 Materials to avoid

None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

Substance	Condition
None known.	During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Effects from Eye Contact:

- Mild Eye Irritation: Signs/symptoms may include redness, pain and tearing.

11.2 Effects from Skin Contact:

- Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

11.3 Effects from Inhalation:

- No health effects are expected.

11.4 Effects from Ingestion:

- Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

- Not determined.

CHEMICAL FATE INFORMATION

- Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

- **Waste Disposal Method:** Dispose of waste product in a facility permitted to accept chemical waste. As a disposal alternative, incinerate in an industrial or commercial facility in the presence of a combustible material.
- **EPA Hazardous Waste Number (RCRA):** Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

Not a hazardous material for transportation.

DOT regulations:

Hazard class: None

Land transport ADR/RID (cross-border)

ADR/RID class: None

Maritime transport IMDG:

IMDG Class: None

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: None
Transport/Additional information:
Not dangerous according to the above specification.

SECTION 15: REGULATORY INFORMATION

Label Version Number: 01.00

Symbol(s): None.

Risk Phrases: None.

Safety Phrases:

- S24/25 Avoid contact with the skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28A After contact with skin, wash immediately with plenty of soap and water.

Disclosable Ingredients: No ingredients required on the label.

Product Certifications: EINECS.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 1 **Flammability:** 0 **Reactivity:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Glass Polish product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Glass Polish product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Glass Polish product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Glass Polish provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, Glass Polish makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from Glass Polish.

