

Safety data Sheet According to regulation to NOHSC criteria.

Revision: 18/03/20

Date of Print: 11/09/20

Version: 0

STAINEX-MIRROR STAINEX-LIQUID MIRROR

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Emergency 24 Hour Telephone:

Poison Information Service: 13 11 26
Fire Brigade: 000
Police: 000

1: Identification of the substance/mixture and of the company undertaking

Product Name: **STAINEX- MIRROR**
STAINEX- LIQUID MIRROR
Recommended Use: Abrasive Paste composition for polishing stainless steel metal surfaces.

2: Hazards identification

Classification of the substance or mixture

Hazzard Classification: : **NON-DANGEROUS GOODS**

HAZARD Ratings: : Body Contact-1

(scale: 0 is low & 4 is high) : Reactivity-1

: Chronic-2

: Toxity-2

: Flammability-1

Carcinogen Status: : No significant ingredient is classified as carcinogenic by the following ASCC, NTP, IARC.

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Risk Phrases: : R65. Harmful: May cause lung damage if swallowed.
: R66. Repeated exposure may cause skin dryness or cracking.
: R67. Vapours may cause drowsiness and dizziness.

- Safety Phrases:**
- : S13. Keep away from food and drink.
 - : S23. Do not breathe vapour.
 - : S36. Wear suitable protective clothing and eye wear.
 - : S35. Material and its container must be disposed of in a safe way
 - : S38. In case of insufficient ventilation, you must wear a suitable respiratory equipment.
 - : S51. Use only in well ventilated areas.
 - : S62. If swallowed, do not induce vomiting: Seek medical advice immediately and show the container or label.
 - : S401. Clean with soapy water any area i.e. the floor or any area used and is contaminated by this material.

3: Composition / mixtures information on ingredients

<u>COMPOSITION:</u>	<u>CAS NO:</u>	<u>PERCENTAGE:</u>
Alumina Oxide	1344-28-1	40.0%
Hydrocarbon Solvent	64742-48-9	25.0%
Fatty Oil/Wax	61790-12-3	5.0%
Amine soap	102-71-6	5.0%
Water	7732-18-5	25.0%

4: First aid measures

- Inhalation:** : Using proper respiratory protection, immediately remove affected patient from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
- Skin Contact;** : Flush with large amounts of water, use soap if available. Remove grossly contaminated clothing, including shoes, and launder before re-use.
: Seek medical attention in the event of irritation.
- Eye Contact:** : Rinse eyes immediately with plenty of fresh running water and seek medical advice.
- Ingestion/ Swallowed:** : if swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical advice.
- Advice to Doctor:** : Treat according to symptoms and signs observed of distress in the patient.

5: Firefighting measures

- Suitable extinguishing media:** : Use foam, dry chemical or water spray or carbon. Dioxide to extinguish fire
- Hazards from combustion products:** : Smoke, fumes, vapours and oxides of carbon and various hydrocarbons.
- Precautions for Fire Fighters:** : See also Section 4 "First Aid Measures" and Section 10 "Stability and Reactivity".

6: Accidental release measures

Emergency Procedures:

Keep public away. Shut off source if possible, to do so without hazard. Beware: spills are slippery. Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation. Take measures to minimise the effect on groundwater. Contain spilled liquid with sand or earth.

Methods and material for containment and cleaning up

Scrape up with shovel and place in suitable containers for disposal. Consult an expert on disposal of recovered material to ensure conformity to local disposal regulations. See Section 4 "First Aid Measures" and Section 10 "Stability and Reactivity"

7: Handling and storage

Precautions for safe handling

Keep container closed. Handle with care. Compatibility with plastic materials may vary; we therefore recommend that compatibility be tested prior to use.

Conditions for safe storage, including any incompatibilities

Store in a cool, well-ventilated place away from direct sunlight and other heat sources. Protect from freezing or product may separate. Container remains hazardous when empty (see also Section 13). Continue to observe all precautions.

8: Exposure controls / personal protection

Exposure Standards; : No information available.
Biological limit values: : No biological limit allocated.
Engineering controls: : Ventilation is required as for all polishing operations. Use only in a well-ventilated area.

Personal protective equipment:

Eye protection : Wear safety glasses.
Skin protection : Wear long sleeves and PVC or nitrile gloves.
Respiratory protection : Wear a type P1 disposable mask or higher.

9: Physical and chemical properties

Appearance: : Viscous light blue liquid / Paste.
Odour: : Ammonia odor
PH: : 9.5
Vapor pressure (20 °C) : < 0.001 kPa
Vapor pressure (38 °C) : < 0.001 kPa
Vapor density (101.3 kPa/air = 1) : > 1.00
Boiling point : 60 °C
Freezing point : 0 °C
Solubility : Exact figure not available, but product is dispersible in water
Specific gravity : 1.15

10: Toxicology information

Chemical stability:	: Stable
Conditions to avoid:	: Protect from freezing or product may separate
Incompatible materials:	: Avoid strong oxidizing products.
Hazardous decomposition products:	: Not Known.
Hazardous reactions:	: Low hazard. Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point, which is > 66 °C (PMCC). Before the flash point temperature can be reached all water in the product has to boil off.

11: Toxicology information

Acute:

Inhalation:	: CNS depression characterized by dizziness and headache. May cause irritation of the respiratory system. Prolonged exposure to vapors may cause somnolence and narcosis.
Skin contact:	: Moderately irritating to skin. Repeated and prolonged contact may lead to dermatitis.
Eye contact:	: May injure tissue, severely irritating.
Ingestions:	: Nausea, vomiting, cough and pulmonary aspiration. If large quantity ingested (3g/kg) and retained, systems of CNS depression and irritation occur and include weakness, dizziness, unconsciousness and convulsions.

Chronic: : No data is available for this product.

12: Ecological information

Ecotoxicity:	: No. acute toxicity to aquatic organisms is expected. Long terms adverse effects to aquatic organisms are not expected.
Persistence and degradability:	: The hydrocarbon solvent component in this product biodegrades rapidly and is readily biodegradable according to OECD guidelines Other components are not hazardous according to the criteria of the NOHSC.
Mobility:	: This product will not float. It will migrate into the sediment. It is expected to have low mobility.

13: Disposal considerations

Empty containers should be drained almost completely by inverting them. After draining, vent the empty container in a safe place to allow any remaining hydrocarbon solvent to biodegrade. The remaining material is not hazardous according to the criteria of the NOHSC.

The generator of the waste has the responsibility for proper waste classification, transportation and disposal. Classify waste under applicable state and local regulations.

14: Transport information

- Land:** : This product is not classified as dangerous according to the criteria of the Australian Dangerous Goods Code (ADG Code).
- Sea:** : This product is not classified as dangerous according IMDG regulations.
- Air:** : This product is not classified as dangerous according IATA regulations.
- Additional information:** : Protect from freezing or product may separate.

15: Regulatory information

- AICS:** : All of the materials/ ingredients in this formulation comply to the NICNAS regulations
- SUSDP Schedule:** : This product is not listed on any schedule of the SUSDP as the concentration of the liquid hydrocarbon solvent is <25%.

16: Other Information

This SDS was prepared with reference to the SDS for each component of this material, and with reference to the following documents:

Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 (1999)].

Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition, (ADG Code).

List of Designated Hazardous Substances [NOHSC: 10005 (1999)].

National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition [NOHSC: 2011(2003)].

Standard for the Uniform Scheduling of Drugs and Poisons, No. 18. (Effective date May 2, 2003.)

Key to abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
SDS	Safety Data Sheet
NOHSC	National Occupational Health and Safety Commission
OECD	Organisation for Economic Co-operation and Development
PMCC	Pensky-Martens Closed Cup
STEL	Short Term Exposure Limit
SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons
TLV	Threshold Limit Value
TWA	Time Weighted Average
ADG	Australian Code for Transport of Dangerous Goods by road and Rail. AICS Australian Inventory of Chemical Substance
CAS No	: Chemical Abstracts Service Registry Number.
GHS	: Globally Harmonized System of classification and labelling of chemicals. IARC : International Agency for Research on Cancer.
NOS	: Not otherwise specified
NTP	: National Toxicology Program (U.S.A)
UN No	: Standard for the uniform scheduling of drug and poisons.
HAZCHEM :	:An emergency action code of numbers and letters which gives information to emergency services.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

END DOCUMENT
