1. Identification

GHS Product Identifier: MING HAND GLAZE
Company Name: MotorOne Group Pty Ltd
Address: 275 Canterbury Road Canterbury VIC 3126 Australia
Telephone/Fax Number: Tel: (03) 8809 2700 Fax: (03) 9888 6944

Product Name: MING HAND GLAZE

Classified as hazardous

2. Hazard Identification

GHS classification of the substance/mixture:
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Aspiration Hazard: Category 1
STOT Single Exposure Category 3 (narcotic)
Hazardous to the Aquatic Environment - Acute Hazard: Category 3
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3

Signal Word (s): Danger

Hazard Statement (s):
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Exclamation mark, Health hazard

Pictogram (s):

Precautionary statement – Prevention:
P261 Avoid breathing mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.

Precautionary statement – Ingestion:
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.

INHALATION:
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332 Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Precautionary statement – Disposal:
P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE SPIRIT</td>
<td>64742-82-1</td>
<td>0&lt;25 %</td>
</tr>
</tbody>
</table>

Ingredients determined not to be hazardous

4. First-aid measures

Inhalation:
If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Ingestion:
Do NOT induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to
Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical attention.

Eye Contact: If in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

First Aid Facilities: Eye wash and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

Other Information: For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media suitable for surrounding environment.

Hazards from Combustion Products: Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Specific hazards arising from the chemical: Once the water component has been driven off, this product will burn in a fire.

Decomposition Temp.: Not available

Precautions in connection with Fire: Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray or water fog may be used to cool fire exposed containers.

6. Accidental release measures

Emergency Procedures: Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling: Wear appropriate protective equipment to prevent inhalation and eye exposure. Use in designated areas with adequate ventilation. Avoid breathing in spray, mist or vapours. Keep containers closed when not in use. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated area away from sources of ignition, oxidizing agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

8. Exposure controls/personal protection

Occupational exposure limit values: No exposure standards have been established for this material, however, the TWA Safe Work, Australia exposure standards for oil mist, refined mineral oil is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
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Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

However, if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist.

**9. Physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Thick paste</td>
</tr>
<tr>
<td>Colour</td>
<td>Blue</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Solubility in Organic Solvents</td>
<td>Miscible in hydrocarbon solvents.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.960 at 20°C</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;62°C</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammable Limits - Lower</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Safety Data Sheet

Classified as hazardous

Product Name: MING HAND GLAZE

10. Stability and reactivity

- **Reactivity**: Will react with incompatibles.
- **Chemical Stability**: Stable under normal conditions of storage and handling.
- **Conditions to Avoid**: Heat and other sources of ignition.
- **Incompatible Materials**
  - Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
- **Hazards**: Will not occur.

11. Toxicological Information

- **Toxicity Information**
  - **Inhalation**: May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.
  - **Skin**: Repeated or prolonged contact may cause dryness or mild irritation.
  - **Eye**: May cause eye irritation including stinging and redness.
  - **Respiratory Sensitisation**: Not expected to be a skin sensitisier.
  - **Skin Sensitisation**: Not expected to be a skin sensitisier.
  - **Germ Cell Mutagenicity**
    - *Not considered to be a carcinogenic hazard.*
  - **Carcinogenicity**: Not considered to be a carcinogenic hazard.
  - **Reproductive Toxicity**: Not considered to be toxic to reproduction.
  - **STOT - Single Exposure**: May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.

- **Aspiration Hazard**: May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death.

12. Ecological Information

- **Ecotoxicity**: Toxic to aquatic life with long lasting effects.
- **Persistence and Degradability**: This product is biodegradable.
- **Mobility**: Not available
- **Bioaccumulative Potential**: Not available
- **Environmental Protection**: Do not allow product to enter drains, waterways or sewers.

13. Disposal Considerations
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The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. Transport information

Road and Rail Transport (ADG Code):

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

IMDG Marine pollutant
No

15. Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Not Scheduled

16. Other Information

MSDS Reviewed: June 2013
Supersedes: January 2003, July 2008

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants, Safe work Australia.
American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

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...End Of MSDS...