



Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

SECTION 1: Identification

1.1. Product identifier

Polish High Gloss (Marine/RV) M45 [M4516]

Product Identification Numbers

14-1000-1238-5

1.2. Recommended use and restrictions on use

Intended Use

Marine

Specific Use

A glaze to temporarily improve the gloss, increase darkness and reduced swirls.

Restrictions on use

Not applicable

1.3. Supplier's details

| | |
|-------------------|--|
| Company: | Meguiar's Canada Inc. |
| Division: | Meguiar's |
| Address: | 1840 Oxford Street East, Post Office Box 5790, London, Ontario N6A 0A9 |
| Telephone: | (800) 364-3577 |
| Website: | |

1.4. Emergency telephone number

Medical Emergency Telephone: 1-800-3M HELPS / 1800 364 3577

SECTION 2: Hazard identification

The following product identification number(s) are sold in the consumer market place:
14-1000-1238-5

2.1. Classification of the substance or mixture

Not classified according to the Canadian Hazardous Products Regulation.

2.2. Label elements**Signal word**

Not applicable.

Symbols

Not applicable

Pictograms

Not applicable

2.3. Other hazards

None known.

2% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|---|-------------------|----------------|---|
| Water | 7732-18-5 | 60 - 100 | Water |
| Distillates (petroleum), acid treated light | 64742-14-9 | 10 - 20 | Distillates (petroleum), acid-treated light |
| Clay | Trade Secret | 7 - 13 | Not Applicable |
| White mineral oil (petroleum) | 8042-47-5 | 5 - 10 | White mineral oil (petroleum) |
| Glycerin | 56-81-5 | 1 - 5 | 1,2,3-Propanetriol |
| Plant Oil | Trade Secret | 1 - 5 | Not Applicable |

Clay is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret.

Plant Oil is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a carbon dioxide or dry chemical extinguisher to extinguish.

5.2. Unsuitable extinguishing media

None Determined

5.3. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Hydrocarbons
Carbon monoxide
Carbon dioxide

Condition

During Combustion
During Combustion
During Combustion

5.4. Special protection actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents. Store away from areas where product may come into contact with food or pharmaceuticals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|--|------------|--------|---------------------------------|---------------------|
| Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction | 8042-47-5 | ACGIH | TWA(inhalable fraction):5 mg/m3 | |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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

8.2.2. Personal protective equipment (PPE)

Eye/face protection

None required.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile Rubber

Respiratory protection

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 organic vapors

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------|--------|
| Physical state | Liquid |
|----------------|--------|

| | |
|--|---|
| Colour | White |
| Odour | Weak Naphtha |
| Odour threshold | <i>No Data Available</i> |
| pH | 6 - 6.75 |
| Melting point/Freezing point | <i>Not Applicable</i> |
| Boiling point | 198.9 °C |
| Flash Point | Flash point > 93 °C (200 °F) |
| Evaporation rate | <i>No Data Available</i> |
| Flammability | Not Applicable |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapour Pressure | <i>No Data Available</i> |
| Relative Vapour Density | <i>No Data Available</i> |
| Density | 1 g/cm ³ - 1.03 g/cm ³ |
| Relative density | 0.98 [Ref Std:WATER=1] |
| Water solubility | Moderate |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Kinematic Viscosity | 5,612 mm ² /sec |
| Volatile Organic Compounds | 12.1 % weight [Test Method:calculated per CARB title 2] |
| Volatile Organic Compounds | 118.7 g/l [Test Method:calculated SCAQMD rule 443.1] |
| Percent volatile | <i>No Data Available</i> |
| VOC Less H₂O & Exempt Solvents | 300.3 g/l [Test Method:calculated per CARB title 2] |

| | |
|---------------------------------|-----------------------|
| Particle Characteristics | <i>Not Applicable</i> |
|---------------------------------|-----------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat

Sparks and/or flames

10.5. Incompatible materials

Strong acids

Strong bases

Strong oxidizing agents

10.6. Hazardous decomposition products

Substance

None known.

Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

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

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

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

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|---|--------------------------------|-------------------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Distillates (petroleum), acid treated light | Ingestion | Rat | LD50 > 15,000 mg/kg |
| Distillates (petroleum), acid treated light | Dermal | similar compounds | LD50 > 5,000 mg/kg |
| Clay | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 2.07 mg/l |
| Clay | Dermal | similar compounds | LD50 > 5,000 mg/kg |
| Clay | Ingestion | similar compounds | LD50 > 5,000 mg/kg |
| White mineral oil (petroleum) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| White mineral oil (petroleum) | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|------------------|---------------|
| Distillates (petroleum), acid treated light | similar compound | Mild irritant |

| | | |
|-------------------------------|--------|---------------------------|
| | ds | |
| Clay | Rabbit | No significant irritation |
| White mineral oil (petroleum) | Rabbit | No significant irritation |
| Glycerin | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|---------------------|---------------------------|
| Distillates (petroleum), acid treated light | similar compound ds | No significant irritation |
| Clay | Rabbit | No significant irritation |
| White mineral oil (petroleum) | Rabbit | Mild irritant |
| Glycerin | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|---|---------------------|----------------|
| Distillates (petroleum), acid treated light | similar compound ds | Not classified |
| White mineral oil (petroleum) | Guinea pig | Not classified |
| Glycerin | Guinea pig | Not classified |

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|---------------|
| Distillates (petroleum), acid treated light | In Vitro | Not mutagenic |
| White mineral oil (petroleum) | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|-------------------------------|------------|-------------------------|--|
| White mineral oil (petroleum) | Dermal | Mouse | Not carcinogenic |
| White mineral oil (petroleum) | Inhalation | Multiple animal species | Not carcinogenic |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|-------------------------------|-----------|--|---------|-----------------------|-------------------|
| White mineral oil (petroleum) | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White mineral oil (petroleum) | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |
| Glycerin | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| Distillates (petroleum), acid treated light | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|-----------------------|----------------|-------------------|------------------------|-----------------------|
| Distillates (petroleum), acid treated light | Inhalation | liver | Not classified | Rat | NOAEL 6 mg/l | 13 weeks |
| Distillates (petroleum), acid treated light | Inhalation | kidney and/or bladder | Not classified | Rat | LOAEL 1.5 mg/l | 13 weeks |
| Distillates (petroleum), acid treated light | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 6 mg/l | 13 weeks |
| Distillates (petroleum), acid treated light | Ingestion | liver | Not classified | Rat | NOAEL 1,000 mg/kg/day | 13 weeks |
| Distillates (petroleum), acid treated light | Ingestion | kidney and/or bladder | Not classified | Rat | LOAEL 100 mg/kg/day | 13 weeks |
| Distillates (petroleum), acid treated light | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 13 weeks |
| Distillates (petroleum), acid treated light | Ingestion | eyes | Not classified | Rat | NOAEL 1,000 mg/kg/day | 13 weeks |
| Clay | Inhalation | pneumoconiosis | Not classified | similar compounds | NOAEL not available | occupational exposure |
| White mineral oil (petroleum) | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| White mineral oil (petroleum) | Ingestion | liver | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| White mineral oil (petroleum) | Ingestion | immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| Glycerin | Inhalation | respiratory system | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Inhalation | heart | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Inhalation | liver | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Ingestion | endocrine system | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |
| Glycerin | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |
| Glycerin | Ingestion | liver | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |
| Glycerin | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |

Aspiration Hazard

| Name | Value |
|---|-------------------|
| Distillates (petroleum), acid treated light | Aspiration hazard |
| White mineral oil (petroleum) | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

No data available.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact manufacturer for more information The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

SECTION 16: Other information

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.

Health: 1 Flammability: 1 Instability: 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.

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Meguiar's, Inc. Canada SDSs are available at