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Material Safety Data Sheet  
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1 Chemical Product and Company Identification  
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Tradename:  
3M(TM) FINESSE-IT(TM) MARINE PASTE COMPOUND-WHITE P/N 06038,06039  
Product ID:  
XS-0414-1421-9 60-9800-1200-3 60-9800-2057-6 60-9800-3310-8  
IA-1101-0928-6 IA-2601-6465-1  
Intended Use of Product:  
Marine applications; Finishing Material  
Division:  
MARINE & SPECIALTY VEHICLE

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2 Hazards Identification  
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Critical Hazards:  
Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.  
Prolonged or repeated exposure may cause:  
Silicosis: Signs/symptoms can include breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease.  
May be absorbed through skin and cause target organ effects.  
May be absorbed following inhalation and cause target organ effects.  
May be absorbed following ingestion and cause target organ effects.  
WARNING: Contains a chemical which can cause cancer. (14808-60-7)  
(NTP known human carcinogen, IARC human carcinogen 1, Calif. Proposition 65)

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WARNING: Contains a chemical which can cause cancer. (91-20-3)  
(IARC possible human carcinogen 2B).  
High exposures to xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance

of these findings to humans has not been determined.  
See Sections 7 and 11 for further information.

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### 3 Composition/Information on Ingredients

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Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	15 - 40
QUARTZ SILICA	14808-60-7	15 - 40
KEROSENE	8008-20-6	10 - 30
STODDARD SOLVENT	8052-41-3	5 - 10
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	5 - 10
TRIETHANOLAMINE	102-71-6	1 - 5
PINE OIL	8002-09-3	1 - 5
OLEIC ACID	112-80-1	1 - 5
1,2,4-TRIMETHYLBENZENE	95-63-6	0.1 - 0.5
XYLENE	1330-20-7	0.1 - 0.5
NAPHTHALENE	91-20-3	0.1 - 0.15

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

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### 4 First Aid Measures

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Instructions for Eye Contact:

Flush eyes with large amounts of water for at least 20 minutes or until chemical is removed. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 30 minutes. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

Remove person to fresh air. If signs/symptoms develop, get medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

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### 5 Fire Fighting Measures

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Flash point: > 93.3 C TCC No flash at 98.9C

Lower Explosive Limit (%): Not Available

Upper Explosive Limit (%): Not Available

Autoignition temperature: Not Available

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Exposure Hazards during Fire:

Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back. Non-flammable: ordinary combustible material.

Combustion Products from Fire:

Carbon Monoxide;

Carbon Dioxide;

Toxic vapours, gases or particulates;

#### Unusual Fire and Explosion Hazards

None known.

#### Fire Fighting Procedures:

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health 2  
NFPA: Fire 1  
NFPA: Reactivity 0

NFPA: Unusual Reaction Hazard  
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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#### 6 Accidental Release Measures

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##### Personal Precautions:

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.

##### Environmental Procedures

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.

##### Methods for cleaning up

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) 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 sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS.

##### Spill Response:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

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#### 7 Handling and Storage

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##### Storage Requirements:

No data available.

##### Incompatible Materials:

Store away from oxidizing agents.

Ventilation:

Keep container in well-ventilated area.

Use Instructions:

Contents may be under pressure, open carefully. Avoid contact with oxidizing agents.

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8 Exposure Controls/Personal Protection

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Personal Protection

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Eye Protection:

Avoid eye contact.

Avoid eye contact with vapours, mists, or spray.

The following should be worn alone or in combination, as appropriate, to prevent eye contact:

Safety glasses with side shields

Indirect vented goggles;

Hand Protection:

Wear appropriate gloves when handling this material.

The following glove material(s) are recommended:

fluoroelastomer (Viton);

nitrile rubber;

polyvinyl alcohol;

Skin Protection:

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Respiratory Protection:

Avoid breathing of vapours, mists or spray.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half facepiece or fullface air-purifying respirator with organic vapour cartridges and P100 particulate prefilters;

Continuous spurring of dry buff pads may produce dust conditions in excess of the Threshold Limit Value (TLV) for crystalline silica.

When cleaning or spurring a dry buff pad used with this product:

Ingestion (Prevention):

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

Recommended Ventilation:

Use with appropriate local exhaust ventilation.

Provide appropriate local exhaust ventilation on open containers.

Use in an enclosed process area is recommended.

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure

Limits. If ventilation is not adequate, use respiratory protection equipment.

Ingredient Exposure Data

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WATER (7732-18-5)  
 LD50 (rat, oral) > 90 ml/kg  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 No data available.  
 QUARTZ SILICA (14808-60-7)  
 Specific Ingredient Data  
 No data available.  
 LD50 (rat, oral) No data available.  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 ACGIH: TWA 0.025 mg/m3 (Respirable) (Table A2)  
 KEROSENE (8008-20-6)  
 Specific Ingredient Data  
 No data available.  
 LD50 (rat, oral) No data available.  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 ACGIH: TWA 200 mg/m3 as total hydrocarbon vapour; Skin Notation;  
 Table A3;  
 CMRG: TWA 500 ppm  
 CMRG: TWA 2000 mg/m3  
  
 STODDARD SOLVENT (8052-41-3)  
 LD50 (rat, oral) No data available.  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 ACGIH-TWA: 100 ppm  
 HYDROTREATED LIGHT PETROLEUM DISTILLATES (64742-47-8)  
 LD50 (rat, oral) > 5 g/kg  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 CMRG: TWA 300 ppm  
 TRIETHANOLAMINE (102-71-6)  
 LD50 (rat, oral) 5200 mg/kg  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 ACGIH: TWA 5 mg/m3  
 PINE OIL (8002-09-3)  
 LD50 (rat, oral) 3200 mg/kg  
 LD50 (dermal, rabbit) 5 g/kg  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 CMRG: TWA 100 ppm  
 OLEIC ACID (112-80-1)  
 LD50 (rat, oral) 25000 mg/kg  
 LC50 (rat, inhalation/4 hours) No data available.  
 Exposure Limits  
 No data available.

1,2,4-TRIMETHYLBENZENE (95-63-6)  
 LD50 (rat, oral) 5000 mg/kg  
 LC50 (rat, inhalation/4 hours) 3661 ppm  
 Exposure Limits  
 ACGIH-TWA: 25 ppm  
  
 XYLENE (1330-20-7)  
 LD50 (rat, oral) 3523 mg/kg  
 LD50 (dermal, rabbit) > 1700 mg/kg  
 LC50 (rat, inhalation/4 hours) 5000 ppm  
 Exposure Limits  
 ACGIH: TWA 100 ppm (Table A4)  
 ACGIH: TWA 434 mg/m3 (Table A4)  
 ACGIH: STEL 150 ppm (Table A4)

ACGIH: STEL 651 mg/m3 (Table A4)  
CMRG: TWA 50 ppm  
CMRG: STEL 75 ppm

NAPHTHALENE (91-20-3)

LD50 (rat, oral) 490 mg/kg  
LD50 (dermal, rabbit) > 20 g/kg  
LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 10 ppm skin contact contributes to exposure; Table A4;  
ACGIH: TWA 52 mg/m3 skin contact contributes to exposure; Table A4;  
ACGIH: STEL 15 ppm skin contact contributes to exposure; Table A4;  
ACGIH: STEL 79 mg/m3 skin contact contributes to exposure; Table A4;

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9 Physical and Chemical Properties

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Physical form,Color,Odour: Liquid; viscous; White;  
slight pine odour;  
Odour Threshold: No data available.  
pH: No data available.  
Boiling point/boiling range: ? 100.0 C  
Melting point/melting range: Not Available  
Vapour pressure: <= 27 psia at 55 C  
Water Solubility: Not applicable  
Partition coefficient (K o/w): Not Available  
Specific gravity: 1.19 Water=1  
Vapour density: Not Available  
Volatile organic compounds: 3.08 lb/gal Calculated per  
SCAQMD Rule 443.1  
Evaporation rate: >= 1 Ether=1  
Viscosity: 50000 - 80000 centipoise  
Percent Volatile: >= 50 %

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10 Stability and Reactivity

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Conditions to Avoid:  
None known.  
Materials to Avoid:  
Strong oxidizing agents;  
Hazardous Decomposition:  
Carbon Monoxide;  
Carbon Dioxide;  
Toxic vapours, gases or particulates;  
Stability and Reactivity:  
Stable. Hazardous polymerization will not occur.

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11 Toxicological Information

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Effects from Eye Contact:  
Mild Eye Irritation: Signs/symptoms may include redness, pain, and  
tearing.  
Effects from Skin Contact:  
Moderate Skin Irritation: Signs/symptoms can include localized  
redness, swelling, itching, and dryness.  
May be absorbed through skin and cause target organ effects.  
Effects from Inhalation:  
Intentional concentration and inhalation may be harmful or fatal.  
Respiratory Tract Irritation: Signs/symptoms may include cough,  
sneezing, nasal discharge, headache, hoarseness, and nose and

throat pain.

Prolonged or repeated exposure may cause:

Silicosis: Signs/symptoms can include breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease.

May be absorbed following inhalation and cause target organ effects.

Effects from Ingestion:

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

May be absorbed following ingestion and cause target organ effects.

Sensitization Information:

No data available.

Carcinogenicity:

WARNING: Contains a chemical which can cause cancer. (14808-60-7) (NTP known human carcinogen, IARC human carcinogen 1, Calif. Proposition 65)

WARNING: Contains a chemical which can cause cancer. (91-20-3) (IARC possible human carcinogen 2B).

Mutagenicity:

No data available.

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Reproductive Effects:

High exposures to xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus. These effects were often at levels toxic to the mother. The significance of these findings to humans has not been determined.

Component Based Information:

No data available.

Product Based Information:

No data available.

Other Effects & Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Prolonged or repeated exposure may cause:

Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

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## 12 Ecological Information

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Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

One or more components of this product have significant known or predicted environmental hazards, but a conservative assessment indicates a low environmental risk. Intended use and proper disposal are unlikely to cause the environmentally hazardous component(s) to enter the environment in quantities or by routes that could cause the adverse environmental impacts.

Other Effects and Information:

Take precautions to prevent direct release of this product to the environment. Product usages, or other lifecycle stages, are expected to release volatile organic compounds (VOCs) to the atmosphere. Regulations may restrict the release of VOCs because they contribute to the formation of ozone and smog. Regulatory definitions for VOC vary. Because of smog and other impacts, releases through evaporation or other means should be minimized to

the extent possible.

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### 13 Disposal Considerations

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Product as Sold:

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

Product Packaging:

No data available.

Special Instructions:

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

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### 14 Transport Information

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#### Transportation of Dangerous Goods

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TDG Classification:

Non-Regulated Material

Special Information:: Contact 3M for more information.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

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### 15 Regulatory Information

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WHMIS Classification:

D2A, D2B

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

EINECS - European Inventory of Existing Commercial Chemical Substances

KECI - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

CICS - Chinese Inventory of Chemical Substances

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16 Other Information  
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Reason for Reissue:

The following Sections and topics have been updated or revised:  
Section 2 - Composition/Information on Ingredients;  
Section 7 - Handling and Storage;  
Section 8 - Exposure Controls/Personal Protection;

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M 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 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

---End---