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Material Safety Data Sheet
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1 Chemical Product and Company Identification

Tradename:

3M(TM) FINESSE-IT(TM) II FINISHING MATERIAL PN 05928 05929 05932

Product ID:

60-4100-0959-5 XS-0414-1668-5 60-4100-0969-4 60-4100-0987-6
JC-1700-1029-5

Intended Use of Product:

Automotive

Division:

BK - Automotive Aftermarket

2 Hazards Identification

Critical Hazards:

Combustible liquid and vapour.

See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	40 - 70
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	5 - 10
ALUMINUM OXIDE	1344-28-1	5 - 10
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	3 - 7
DECAMETHYLCYCLOPENTASILOXANE	541-02-6	3 - 7
GLYCERIN	56-81-5	1 - 5
DODECAMETHYLCYCLOHEXASILOXANE	540-97-6	1 - 5
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	0.1 - 1.0

NOTE:

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

4 First Aid Measures

Instructions for Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

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

Instructions for Inhalation:

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

Instructions for Ingestion:

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

5 Fire Fighting Measures

Flash point: 85.56 C CC

Lower Explosive Limit (%): Not Available

Upper Explosive Limit (%): Not Available

Autoignition temperature: Not Available

Suitable Extinguishing Media:

In case of fire: Use a fire fighting agent suitable for flammable liquids and solids such as dry chemical or 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.

Combustion Products from Fire:

Formaldehyde - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;

Unusual Fire and Explosion Hazards

Combustible liquid and vapour. Closed containers exposed to heat from fire may build pressure and explode.

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 3
NFPA: Fire 2
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.

6 Accidental Release Measures

Personal Precautions:

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. 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.

Methods for 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 using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. 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. Seal the container. Dispose of collected material as soon as possible.

7 Handling and Storage

Storage Requirements:

Store in a well-ventilated place. Keep cool. Protect from sunlight.

Incompatible Materials:

Store away from heat;
Store out of direct sunlight.
Store away from acids;
Store away from oxidizing agents.

Ventilation:

No data available.

Fire Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use only non-sparking tools.

Explosion Prevention:

Combustible liquid and vapour. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Use Instructions:

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.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact.
The following should be worn alone or in combination, as appropriate, to prevent eye contact:
Safety glasses with side shields

Hand Protection:

Wear appropriate gloves when handling this material.
The following glove material(s) are recommended:
neoprene;

Skin Protection:

Avoid prolonged or repeated 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 vapor cartridges and P95 particulate prefilters

Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep out of the reach of children.

Recommended Ventilation:

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/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Ingredient Exposure Data

WATER (7732-18-5)

LD50 (rat, oral) > 90 ml/kg
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits
No data available.

HYDROTREATED HEAVY NAPHTHA (PETROLEUM) (64742-48-9)

Specific Ingredient Data

LC50 (rat, inhalation(aerosol)/4 hours): 8.5 g/m3
LD50 (rat, oral) No data available.
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits

3M: TWA 100 ppm

ALUMINUM OXIDE (1344-28-1)

LD50 (rat, oral) No data available.
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits

ACGIH: TWA 10 mg/m3 Particulates (specific form) (Table A4)
CMRG: TWA 1 Fiber/cc MAN-MADE MINERAL FIBERS;
1 mg/m3 ACGIH: TWA; respirable fraction; Category: Aluminum, insoluble compounds 1 Fiber/cc CMRG: TWA; Comments: MAN-MADE MINERAL FIBERS

HYDROTREATED LIGHT PETROLEUM DISTILLATES (64742-47-8)

LD50 (rat, oral) > 5 g/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 200 mg/m³ as total hydrocarbon vapour; non-aerosol;
(skin contact contributes to exposure) Category: Jet Fuels
(Non-aerosol) as total hydrocarbon vapour;

ACGIH: TWA 200 mg/m³ as total hydrocarbon vapour; non-aerosol;
(skin contact contributes to exposure) Category: Kerosine
(petroleum)

CMRG: TWA 165 ppm

DECAMETHYLCYCLOPENTASILOXANE (541-02-6)

Specific Ingredient Data

No data available.

LD50 (rat, oral) > 24134 mg/kg

LD50 (dermal, rabbit) > 16 ml/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

CMRG: TWA 10 ppm 10 ppm CMRG: TWA; Comments: PER DOW CORNING

GLYCERIN (56-81-5)

LD50 (rat, oral) 12600 mg/kg

LD50 (dermal, rabbit) > 10 g/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 10 mg/m³ (as mist) (Particulates not otherwise
classified)

DODECAMETHYLCYCLOHEXASILOXANE (540-97-6)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

CMRG: TWA 5 mg/m³ Category: OIL MIST, MINERAL

CMRG: STEL 10 mg/m³ Category: OIL MIST, MINERAL

5 mg/m³ ACGIH: TWA; inhalable fraction; Category: MINERAL OILS,
HIGHLY-REFINED OILS 10 mg/m³ CMRG: STEL; Comments: PER MSDS 5
mg/m³ CMRG: TWA; Comments: PER MSDS

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9 Physical and Chemical Properties

Physical form, Color, Odour: Liquid; Emulsion; White;

Odour Threshold:	Slight solvent odour;
pH:	No data available.
Boiling point/boiling range:	7.5 - 8.5
	35 C CONDITIONS: @ 760 mmHg
	DETAILS: (Test Method ASTM
	D1120-94)
Melting point/melting range:	Not Available
Vapour pressure:	6.3 mmHg at 20 C DETAILS:
	(Test Method ASTM E-1719-97)
Water Solubility:	Negligible
Specific gravity:	1.03 Water=1
Vapour density:	Not Available
Volatile organic compounds:	14 % SCAQ443
Evaporation rate:	No data available.
Viscosity:	12000 - 16000
Percent Volatile:	No data available.

10 Stability and Reactivity

Conditions to Avoid:

Store away from heat;
Store out of direct sunlight.

Materials to Avoid:

Store away from acids;
Store away from oxidizing agents.

Hazardous Decomposition:

Formaldehyde - During Combustion;
Carbon monoxide - During Combustion;
Carbon dioxide - During Combustion;

Stability and Reactivity:

Stable. Hazardous polymerization will not occur. This material is considered to be non reactive under normal use conditions.

11 Toxicological Information

Effects from Eye Contact:

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

Effects from Skin Contact:

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

Effects from Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough,

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sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal

pain, stomach upset, nausea, vomiting and diarrhea.

Sensitization Information:

No data available.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

No data available.

Product Based Information:

No data available.

12 Ecological Information

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

A conservative assessment indicates this product presents a low environmental risk. Components released to the environment through use and disposal are expected to have minimal environmental impact.

Other Effects and Information:

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.

13 Disposal Considerations

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.

14 Transport Information

Transportation of Dangerous Goods

TDG Classification: Non-Regulated: TDGR Section 1.33
Regulated by Air and Ocean

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.

15 Regulatory Information

WHMIS Classification: B3
XS041416685 Exempt
(Consumer Product)

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:

- TSCA - Toxic Substances Control Act (USA)
- AICS - Australian Inventory of Chemical Substances
- DSL - Domestic Substances List (Canada)
- CICS - Chinese Inventory of Chemical Substances
- EINECS - European Inventory of Existing Commercial Chemical Substances
- KECI - Korean Existing Chemicals Inventory
- PICCS - Philippines Inventory of Commercial Chemical Substances

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16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:

Section 3 - Composition/Information on Ingredients

Section 4 - First Aid Measures

Section 6 - Accidental Release Measures

Section 7 - Handling and Storage

Section 8 - Exposure Controls/Personal Protection

Section 9 - Physical and Chemical Properties;

Section 11 - Toxicological Information;

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