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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
3M (TM) PERFECT IT III (TM) FINISHING GLAZE 09377

3M Product ID:
GC-8009-6806-4 GC-8009-6803-1 GC-8009-6805-6
GC-8009-6804-9

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
WATER	7732-18-5	65 - 75
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT	64742-14-9	5 - 15
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (T,N; R:Carc.Cat.2;45-51/53-66-67)		
ALUMINIUM SILICATE	1327-36-2	5 - 10
CARNAUBA WAX DISPERSION	---	5 - 10
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	1 - 5
EU Hazard Symbols and Risk Phrases: EU - Adaptation 22 (T,N; R:Carc.Cat.2;45-51/53-65-66-67)		
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	1 - 3
DECAMETHYLCYCLOPENTASILOXANE	541-02-6	1 - 3

3 HAZARDS IDENTIFICATION

Critical hazards:
Repeated exposure may cause skin dryness or cracking. Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

4 FIRST-AID MEASURES

Eye Contact:
Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact:
Wash affected area with soap and water. If signs/symptoms

develop, get medical attention.

Inhalation:

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

Ingestion:

Do not induce vomiting. Get immediate medical attention. Give victim two glasses of water. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

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

Exposure Hazards:

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.

Hazardous Decomposition:

Carbon Monoxide, Carbon Dioxide.

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 and a self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Observe precautions from other sections.

Methods for Cleaning up:

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. 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. 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 vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Contain spill. Collect as much of the spilled material as possible. Clean up residue with detergent and 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.

7 HANDLING AND STORAGE

Incompatible Materials/Conditions:

Store away from acids. Store away from heat. Store out of direct sunlight. Store away from oxidising agents.

Explosion Prevention:

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

Precautions for Safe Handling:

Avoid contact with oxidising agents.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

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.

Hand Protection:

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. The following glove material(s) are recommended: Nitrile rubber.

Skin Protection:

Avoid skin contact.

Respiratory Protection:

Avoid inhalation 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 particulate prefilters.

Ingestion:

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

Recommended Ventilation:

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

Exposure Limits:

ALUMINIUM SILICATE (1327-36-2)

3M TWA Exposure Limit: 0.2 Fibre/cc

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

CMRG TWA Exposure Limit: 1900 mg/m³ 300 ppm

3M TWA Exposure Limit: 100 ppm

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

CMRG TWA Exposure Limit: 5 mg/m³

CMRG STEL: 10 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Thick, creamy-white liquid.

pH: 7 -9

Boiling point/boiling range: Not determined

Melting point/melting range:	Not determined
Flash point:	70 -80 C
Autoflammability:	Not determined
Vapour pressure:	Not determined
Water Solubility:	Not determined
Specific gravity:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined
Viscosity:	Not determined
Percent Volatile:	Not determined

10 STABILITY AND REACTIVITY

Conditions to Avoid:

Heat. High Shear and High temperature conditions. Sparks and/or Flames.

Materials to Avoid:

None known.

Hazardous Decomposition:

Hazardous polymerisation will not occur. Stable.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:

Mild Skin Irritation: signs/symptoms may include localised redness, swelling, and itching.

Effects from Inhalation:

May be absorbed following inhalation and cause target organ effects. Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

May be absorbed following ingestion and cause target organ effects. Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting.

Other Effects and Information:

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

12 ECOLOGICAL INFORMATION

Persistence/Biodegradability:

The components labelled 'readily biodegradable' are expected to fully degrade in wastewater treatment and in most aerobic water or soil environments. The components labelled 'insignificant biodegradation' did not degrade significantly in ready biodegradation tests.

Bioaccumulation Potential:

Tests show that the components labelled 'Bioconcentrate' will bioconcentrate or accumulate in living organisms.

Ecotoxicity Data:

There is insufficient component information to calculate the ecotoxicity of this product. There is insufficient component information to calculate the wastewater treatment system effects of this product. The components labelled 'No information' have no environmental fate and effects data available. The components labeled 'Inorganic' do not biodegrade, but may be removed by other mechanisms. The components labeled 'Bioconcentration-factor (BCF) not determined' have little or no information on their potential to bioconcentrate or accumulate in aquatic organisms. Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

No information: White Mineral Oil (Petroleum) (8042-47-5); Carnauba Wax Dispersion (Trade Secret) Inorganic: Aluminum Silicate (1327-36-2) Insignificant biodegradation: Decamethylcyclopentasiloxane (541-02-6) Readily biodegradable: Hydrotreated Heavy Naphtha (Petroleum) (64742-48-9) Bioconcentrate: Decamethylcyclopentasiloxane (541-02-6); Hydrotreated Heavy Naphtha (Petroleum) (64742-48-9) Insufficient BCF information: Aluminum Silicate (1327-36-2) Handling this product according to recommendations is important to minimise release to the environment. It is recommended that the environmental information included in this section be used to help determine appropriate handling of this product for your uses.

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 minimised to the extent possible.

13 DISPOSAL CONSIDERATIONS

Product as Sold:

Incinerate in an industrial or commercial facility. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Special Instructions:

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

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: Not restricted for
transportation.

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

ADR/RID CLASSIFICATION:

Class:

ADR classification:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

15 REGULATORY INFORMATION

Disclosable Ingredients:

DISTILLATES (PETROLEUM), ACID TREATED, LIGHT; HYDROTREATED
HEAVY NAPHTHA (PETROLEUM).

Symbol(s):

None.

Risk Phrases:

(R66) Repeated exposure may cause skin dryness or cracking.
(R52/53) Harmful to aquatic organisms. May cause long-term
adverse effects in the aquatic environment.

Safety Phrases:

Do not breathe vapour. Use only in well ventilated areas.
Avoid contact with the skin and eyes. In case of contact with
eyes, rinse immediately with plenty of water and seek medical
advice. After contact with skin, wash immediately with plenty
of soap and water. If swallowed, do not induce vomiting: Seek
medical advice immediately and show this container or label.
Avoid release to the environment. Refer to special
instructions/safety data sheets. Keep out of the reach of
children.

16 OTHER INFORMATION

Regulatory Information: The following UK Regulations
as amended may affect the
product as supplied: The

Chemicals (Hazard Information and Packaging for supply) Regulations, as amended. The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended. Carriage of Dangerous Goods by Road regulations, 1996, as amended. The Control of Substances Hazardous to Health Regulations 1999 as amended. The Special Waste Regulations 1996, as amended. The Environmental Protection Act, 1990 The Health and Safety at Work Act, 1974.

Reissue date/Reason for reissue.

UPDATED SECTIONS: 7,10,12,15.

Intended Use of Product:

To add gloss to automotive refinish paint after machine glazing or for application with foan pad on a dual action polisher

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.