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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
3M (TM) PERFECT-IT DURABLE HAND GLAZE 09549

3M Product ID:

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
WATER	7732-18-5	50.0 - 60.0
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT	64742-14-9	5 - 15
SILICONE	---	5.0 - 10.0
WAX EMULSION	---	5.0 - 10.0
NAPHTHOL SPIRITS	64742-48-9	1 - 10
EU Hazard Symbols and Risk Phrases: T; R:45-65		
ALUMINIUM OXIDE	1344-28-1	1.0 - 5.0
POLYETHYLENE WAX	---	1.0 - 5.0
POLYURETHANE DISPERSION	---	1.0 - 5.0
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	Less Than 5
GLYCERIN	56-81-5	1.0 - 5.0

3 HAZARDS IDENTIFICATION

Critical hazards:
Not applicable

4 FIRST-AID MEASURES

Eye Contact:
Immediately flush eyes with large amounts of water. Get immediate medical attention.

Skin Contact:

Wash affected area with soap and water.

Inhalation:

If signs or symptoms occur, remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion:

Do not induce vomiting. Drink two glasses of water. Call a medical doctor.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, Carbon dioxide, Dry chemical, Foam.

Hazardous Decomposition:

Carbon monoxide, carbon dioxide, hydrocarbons.

Fire-Fighting Procedures:

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

Special Instructions:

None known.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Observe precautions from other sections.

Methods for Cleaning up:

Contain spill. Cover with absorbent material. Collect spilled material. Place in a closed container.

7 HANDLING AND STORAGE

Precautions for Safe Storage:

Store at room temperature. Keep container closed when not in use.

Explosion Prevention:

Keep away from heat, sparks, open flame, and other sources of ignition.

Precautions for Safe Handling:
See information in section 8.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:
Avoid eye contact.

Hand Protection:
Wear appropriate gloves when handling this material.

Skin Protection:

Respiratory Protection:
Avoid prolonged breathing of vapours.

Ingestion:
Do not ingest.

Recommended Ventilation:
Use in a well-ventilated area.

Exposure Limits:

NAPHTHOL SPIRITS (64742-48-9)
CMRG TWA Exposure Limit: 1900 mg/m³ 300 ppm
3M TWA Exposure Limit: 100 ppm

ALUMINIUM OXIDE (1344-28-1)
UK HSE TWA: Total inhalable dust 10 mg/m³; Respirable dust 4 mg/m³ OES

WHITE MINERAL OIL (PETROLEUM) (8042-47-5)
CMRG TWA Exposure Limit: 5 mg/m³
CMRG STEL: 10 mg/m³

GLYCERIN (56-81-5)
UK HSE TWA: 10 mg/m³ as a mist OES

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Thick liquid with a solvent odour.

pH: 8.0 - 8.4

Boiling point/boiling range: 70 - 80 C

Melting point/melting range: Not applicable
Flash point: 70 - 80 C
Autoflammability: Not determined
Vapour pressure: Not determined
Water Solubility: Not determined
Specific gravity: 0.96 - 0.98 Water=1
Vapour density: Not determined
Volatile organic compounds: Not determined
Evaporation rate: Not determined
Viscosity: 8000 - 14000 centipoise
Percent volatile: 70-80 %

10 STABILITY AND REACTIVITY

Materials to Avoid:
None known.

Hazardous Decomposition:
Stable. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

Effects from Skin Contact:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

Effects from Inhalation:

Prolonged or repeated exposure may cause: Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness. Upper respiratory irritation: signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Effects from Ingestion:

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain. Aspiration Pneumonitis (Inflammation of the lungs after inhalation of vomit): signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

12 ECOLOGICAL INFORMATION

Other Effects and Information:

No data available.

13 DISPOSAL CONSIDERATIONS

Special Instructions:

Incinerate in an industrial or commercial facility in the presence of a combustible material. 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: Not applicable

Class: Not applicable

Packing Group: Not applicable

Proper Shipping Name: Not applicable

CDG-ROAD (if applicable) Not applicable

ADR/RID CLASSIFICATION:

Class: Not applicable

Item Number: Not applicable

ICAO/IATA CLASSIFICATION:

Class: Not applicable
Sub-Risk: Not applicable
Packing Group: Not applicable
Proper Shipping Name: Not applicable

15 REGULATORY INFORMATION

Precautionary Label Information:

Symbol(s):
None

Risk Phrases:
Not applicable

Safety Phrases:

Avoid contact with the skin and eyes. Do not breathe vapour.
Use only in well ventilated areas. 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. Keep out of the reach of children. Safety data sheet with additional information available on request.

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 Petroleum (Consolidation) Act 1928.
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.
Removed 3M ID stock numbers.

Intended Use of Product:
A durable wax protection for polished automotive paints.

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.