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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) MACHINE POLISH 09376

3M Product ID:
GC-8009-6810-6 GC-8009-1416-7 GC-8009-1417-5
GC-8009-1418-3 GC-8009-1419-1

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
WATER	7732-18-5	55 - 65
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT	64742-14-9	15 - 25
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (T,N; R:Carc.Cat.2;45-51/53-66-67)		
ALUMINIUM OXIDE	1344-28-1	7 - 13
C9-C12-ISO-ALKANES	90622-57-4	5 - 10
EU Hazard Symbols and Risk Phrases: EU - Vendor Classified (Xn; R:53-65-66)		
GLYCERIN	56-81-5	1 - 5
ACRYLIC POLYMER	---	1 - 5
WHITE MINERAL OIL (PETROLEUM)	8042-47-5	0.5 - 1.5

3 HAZARDS IDENTIFICATION

Critical hazards:
Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. 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 persist, get medical attention.

Ingestion:

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

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

Exposure Hazards:

Non-flammable: ordinary combustible material.

Hazardous Decomposition:

Hydrocarbons, Carbon Monoxide, Carbon Dioxide.

Fire-Fighting Procedures:

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. 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 an appropriate organic solvent. Read and follow safety precautions on the solvent label and health and safety data sheet. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities.

7 HANDLING AND STORAGE

Precautions for Safe Storage:

Store under normal warehouse conditions.

Precautions for Safe Handling:

For industrial or professional use only.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Avoid eye contact. Avoid eye contact with vapours, mists, or spray. Avoid eye contact with vapours, mists, or spray. The following should be worn alone or in combination, as appropriate to prevent eye contact: Indirect vented goggles.

Hand Protection:

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

Skin Protection:

Avoid prolonged or repeated skin contact.

Respiratory Protection:

Avoid inhalation of vapours, mists or spray. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid breathing of dust created by cutting, sanding, grinding or machining. 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. Keep out of the reach of children.

Recommended Ventilation:

Provide appropriate local exhaust for cutting, grinding, sanding or machining. 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 OXIDE (1344-28-1)

HSE WEL TWA: Total inhalable dust 10 mg/m³; Respirable dust 4 mg/m³ OES

C9-C12-ISO-ALKANES (90622-57-4)

CMRG TWA Exposure Limit: 300 ppm

GLYCERIN (56-81-5)

HSE WEL TWA: 10 mg/m³ as a mist OES

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: Grey liquid, with paraffinic odour

pH: 8.07

Boiling point/boiling range: Not determined

Melting point/melting range: Not determined

Flash point: > 98 C

Autoflammability:	Not determined
Vapour pressure:	Not determined
Water Solubility:	Not determined
Specific gravity:	Not determined
Vapour density:	Not determined
Volatile organic compounds:	31.19 %
Evaporation rate:	Not determined
Viscosity:	15000 centipoise
Percent Volatile:	Not determined

10 STABILITY AND REACTIVITY

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:
Delayed Dermal Irritation: Signs/symptoms may include localised redness, swelling, itching, and pain. These effects may not appear immediately following exposure.

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. Ingestion may cause: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting.

Other Effects and Information:
Prolonged or repeated exposure may cause: 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

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.

13 DISPOSAL CONSIDERATIONS

Product as Sold:

Incinerate in an industrial or commercial facility in the presence of a combustible material. 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.

Symbol(s):

None.

Risk Phrases:

(R66) Repeated exposure may cause skin dryness or cracking.

(R67) Vapours may cause drowsiness and dizziness. (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. 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: 5,9,15

Intended Use of Product:

For use with a foam glazing buff to remove swirl marks from 2K automotive refinish paint.

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.