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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
3M (TM) IMPERIAL HAND GLAZE 05990

3M Product ID:
GC-8009-6809-8 GC-8001-9832-4

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)	64742-48-9	5.0 - 10.0
EU Hazard Symbols and Risk Phrases: EU - Adaptation 22 (T,N; R:Carc.Cat.2;45-51/53-65-66-67)		
PROCESSED CASTOR OIL	---	1.0 - 5.0
GLYCERIN	56-81-5	1.0 - 5.0
WATER	7732-18-5	70.0 - 75.0
MINERAL OIL	8042-47-5	5.0 - 10.0
ACRYLATE POLYMER	9003-01-4	1.0 - 5.0
KAOLIN	---	1.0 - 5.0

3 HAZARDS IDENTIFICATION

Critical hazards:
Please read product label and package insert for additional
precaution

4 FIRST-AID MEASURES

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

Skin Contact:
Flush skin with large amounts of water. If irritation
persists, get immediate medical attention.

Inhalation:
Remove person to fresh air. If not breathing, give artificial
respiration. If breathing is difficult, get immediate medical

attention.

Ingestion:

If swallowed, call a medical doctor immediately. Only induce vomiting at the instruction of a medical doctor. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, Dry chemical Foam.

Hazardous Decomposition:

Carbon Monoxide and 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:

Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. 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. Clean up residue with water. Place in a suitable metal container.

7 HANDLING AND STORAGE

Precautions for Safe Storage:

Keep container closed when not in use.

Explosion Prevention:

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

Precautions for Safe Handling:

Keep container tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Avoid eye contact. Indirect vented goggles.

Hand Protection:

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

Polyvinyl alcohol. Fluoroelastomer.

Skin Protection:

Avoid prolonged or repeated skin contact.

Respiratory Protection:

Avoid inhalation of vapours. Avoid breathing of dust created by cutting, sanding, grinding or machining.

Ingestion:

Do not ingest. Keep out of the reach of children.

Recommended Ventilation:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Exposure Limits:

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

CMRG TWA Exposure Limit: 1900 mg/m³ 300 ppm

3M TWA Exposure Limit: 100 ppm

GLYCERIN (56-81-5)

UK HSE TWA: 10 mg/m³ as a mist OES

MINERAL OIL (8042-47-5)

CMRG TWA Exposure Limit: 5 mg/m³

CMRG STEL:: 10 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Light orange-brown liquid with a faint sweet smell.

pH: 7.75-8.00

Boiling point/boiling range: 100 degrees C

Melting point/melting range: Not determined

Flash point: 97.00 C

Autoflammability: Not determined

Vapour pressure: Not determined

Water Solubility: Dilutable

Specific gravity: 0.95-1.00

Vapour density: Greater than 1

Volatile organic compounds: Approximately 143g/litre

Evaporation rate: 143 g/litre

Viscosity: 143 g / 1000ml

Percent Volatile: 14.3 %

10 STABILITY AND REACTIVITY

Materials to Avoid:

Strong oxidising agents.

Hazardous Decomposition:

Stable. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact:

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

Effects from Inhalation:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

Ingestion may cause: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting. Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish coloured skin (cyanosis), and may be fatal.

12 ECOLOGICAL INFORMATION

Other Effects and Information:

Not determined. Since regulations vary, consult applicable regulations or authorities before disposal.

13 DISPOSAL CONSIDERATIONS

Special Instructions:

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

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: Not applicable

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number: Not applicable.

Class: Not applicable.

Packing Group: Not applicable.

Proper Shipping Name: Not applicable.

ADR/RID CLASSIFICATION:

Class: Not applicable.
ADR classification: Not applicable.

ICAO/IATA CLASSIFICATION:

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

15 REGULATORY INFORMATION

Disclosable Ingredients:
No ingredients required on label.

Symbol(s):
None.

Risk Phrases:
None.

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. Safety data sheet available for professional user 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.

Updated sections 5, 7, 8, 9, 12, 15

Intended Use of Product:

A hand polish for use on all automobile paint types to give a high gloss.

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.