

# Material Safety Data Sheet

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## Section 1: Product Identification

**MSDS Code: 8339B**

**Name: Primer Prep**

**Related Part Numbers: 8339**

**Related Part Name: Rubber Keypad Repair Kit**

Use: For prepping the surface of keypads during the repair process.

## Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
Varies	Naphtha	62 – 99%	N/E	N/E	N/E
142-82-5	n-heptane	1 – 36%	400ppm	500ppm	500ppm
108-87-2	Methylcyclohexane	0 – 2%	400ppm	500ppm	N/E

## Section 3: Hazards Identification

<b>Eyes:</b>	Causes mild to moderate irritation, including stinging, tearing, redness, and swelling
<b>Skin:</b>	Causes skin irritation.
<b>Inhalation:</b>	May cause central nervous system depression.
<b>Ingestion:</b>	Maybe harmful if swallowed. Aspiration may cause lung damage
<b>Chronic:</b>	N/E

## Section 4: First Aid Measure

<b>Eyes:</b>	Remove contact lenses. Flush with water or saline. Get medical aid.
<b>Skin:</b>	Wash skin with large quantities of soap and water. Get medical aid if symptoms persist.
<b>Inhalation:</b>	Immediately remove from exposure to fresh air. Get medical aid if symptoms persist.
<b>Ingestion:</b>	Do <b>NOT</b> Induce vomiting unless directed to do so by a physician. Get medical aid.

## Section 5: Fire Fighting Measures

<b>Autoignition Temperature:</b>	N/A	<b>Flash Point:</b> 15°F / -9°C	<b>LEL / UEL:</b> 1.1 / 6.7
<b>Extinguishing Media:</b>	Dry chemical, carbon dioxide, foam, or water fog. Water may be ineffective. Avoid direct water stream.		
<b>General Information:</b>	Extremely flammable liquid, vapors are heavier than air.		

## Section 6: Accidental Release Measures

<b>Spill Procedure:</b>	Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Wipe up residue with paper towel and place in container. Seal container. Wash spill area with soap and water.
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## Section 7: Handling and Storage

**Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.

**Storage:** Keep away from sources of ignition. Store in a dry, well ventilated area, away from incompatible substances, and below 50°C / 120°F

## Section 8: Exposure Controls

**Routes of entry:** Eyes, ingestion, inhalation, and skin.

**Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

**Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b> Liquid	<b>Odor:</b> Mild hydrocarbon	<b>Solubility in water:</b> Negligible	<b>Evaporation Rate:</b> > 1 (ether=1)
<b>Boiling Point:</b> >90°C	<b>Specific Gravity:</b> 0.7920°C	<b>Vapor Pressure:</b> 44.6 mm Hg @20°C	<b>Vapor Density:</b> 3.45 (Air=1) <b>pH:</b> N/a

## Section 10: Stability and Reactivity

**Stability:** Stable at normal temperatures and pressures.

**Conditions to avoid:** Avoid contact with ignition sources. Electric arcs heat and open flames.

**Incompatibilities:** Strong oxidizers.

**Polymerization:** Will not occur.

**Decomposition:** Carbon monoxide, carbon dioxide.

## Section 11: Toxicological Information

**Sensitization:** (effects of repeated exposure) N/E

**Carcinogenicity:** (risk of cancer) No

**Teratogenicity:** (risk of malformation in an unborn fetus) N/E

**Reproductive Toxicity:** (risk of sterility) N/E

**Mutagenicity:** (risk of heritable genetic effects) N/E

<b>Lethal Exposure Concentrations:</b>	<b>Ingestion (LD50):</b>	<b>Inhalation (LC50):</b>	<b>Skin (LD50):</b>	<b>Inhalation (TCLo):</b>
Naphtha	N/A	N/A	N/A	N/A
n-heptane	103 gm/m <sup>3</sup> /4H Rat	N/A	N/A	420 mg/m <sup>3</sup> /12H/2W Rat
Methylcyclohexane	>3200 mg/kg Rat	36900 mg/m <sup>3</sup> /2H Mouse	N/A	11 gm/m <sup>3</sup> /6H/5D Rat

## Section 12: Ecological Information

**General Information:** Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

Volatile Organic Compounds, % by weight: 100%

Volatile Organic Compounds, grams per litre: 790 g/L

## Section 13: Disposal Information

**General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

## Section 14: Transportation Information

This product is only to be shipped within the MG Chemicals Conductive Keypad Repair Kit, part number 8339

### Ground Canada:

Classified as **Consumer Commodity**.

Refer to **TDG regulations** (Canadian Transportation of Dangerous Goods regulations).

### Ground USA:

Classified as **ORM-D**. Refer to **USA CFR 49 Regulations**.

### Air:

**Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.**

Ship as "Dangerous goods in excepted quantities", Class 3, PG II. Repackage with enough absorbant material to absorb all contents if spilled. Seal within leak-proof plastic bag. Package to prevent damage in a manner consistent with DG regulations. Decal accordingly.

### Sea:

**Shipper must be trained and certified. Refer to IMDG regulations.**

Shipping Name: **PAINT RELATED MATERIAL**, UN number: **1263**, Class: **3**, Packing Group: **II**, Flash Point: **-18°C**. Storage category "A", segregation as for class 9 but away from sources of heat and separated from goods of class 1 except for those in division 1.4.

## Section 15: Regulatory Information

### CANADA

This product has been classified in accordance with the hazard criteria of the **Controlled Products Regulations** and the **MSDS** contains all of the information required by the **Controlled Products Regulations**.

### **DSL**

All ingredients in this product are listed on the Domestic Substances List

### **WHMIS**

This product belongs to the following categories: **B3, D2B**

### **Industry and Science Canada**

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

### **Health Canada**

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

### USA

#### **CAA** (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

#### **SARA** (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

This product does not contain a toxic chemical subject to the reporting requirements.

#### **EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain a chemical subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

#### **TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

#### **California Proposition 65** (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

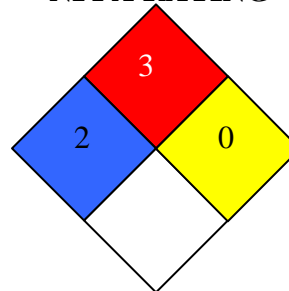
This product does not contain any chemicals listed.

### HMIS RATING

<b>HEALTH:</b>	1
<b>FLAMMABILITY:</b>	3
<b>PHYSICAL HAZARD:</b>	0
<b>PERSONAL PROTECTION(PPE):</b>	H

Protection = H (Splash goggles, gloves, protective apron, and vapor respirator.)

### NFPA RATING



### EUROPE

#### RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

#### WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

### Section 16: Other Information

**Definitions:** N/a = not applicable, n/e = not established

**Disclaimer:** This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.