

# Material Safety Data Sheet

## SECTION 1. IDENTIFICATION

Trade Name: Gel Polish

MSDS Number: 607

Company: Diamondsandglossaustralia

Tel: 0424184840

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS/INCI	%
Aliphatic Urethane Acrylate	Exempt	52
Aromatic Urethane Acrylate	Exempt	14
Polymer Acrylate Oligomer	152187-46-7	28
1-Hydroxycyclohexyl Phenyl Ketone	947-19-3	3
Trimethylbenzoyl Diphenylphosphine Oxide	75980-60-8	3

## SECTION 3. HAZARDS IDENTIFICATION

This substance is considered to be non-hazardous for transport.

### EMERGENCY OVERVIEW

Physical state: Liquid

Health: 1\*

Color: Color

Odor: Light

Personal Protection: See Section 8

Warning: Harmful If Swallowed, Absorbed Through Skin Or Inhaled.

Do Not Spray. Do Not Heat.

May Cause Allergic Skin Reaction.

Causes Eye, Skin and Respiratory Tract Irritation

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Skin contact: Contact skin will cause irritation.

Eye contact: Contact with eyes will cause irritation.

## SECTION 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Get medical attention immediately.

## SECTION 5. FIRE-FIGHTING MEASURES

Flash point: 350°C

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors. Toxic fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Remove sources of ignition. Prevent product from entering drains or open waters.

**Clean-up methods:** Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

#### SECTION 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. DO NOT heat or spray. Use only with adequate ventilation. Refer to Section 8. Use only in area provided with appropriate exhaust ventilation.

**Storage:** For safe storage, store at or below 26°C (80°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**Incompatible products:** Refer to Section 10.

#### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:** Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

**Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

**Eye/face protection:** Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid

**Odor:** light

**pH:** Not applicable

**Melting point/range:** Not available

**Vapor density:** Not available

**Solubility in water:** Slight

**VOC content:** Total volatiles 0.80 %

**Vapor pressure:** Not available

**Boiling point/range:** Greater than 93°C (200°F)

**Specific gravity:** 1.10

**Evaporation rate:** Not available

**Partition coefficient (n-octanol/water):** Not available

#### SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.

**Hazardous polymerization:** May occur.

**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen.

**Irritating organic vapors.**

**Incompatibility:** Strong acids. Strong oxidizing agents. Bases.

**Conditions to avoid:** Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C).

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Carcinogen Status

Hazardous Components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
<u>Trimethylhexyl Dicarbamate Oligmer</u>	NO	NO	NO
<u>Propoxylated Neopentyl Glycol Diacrylate</u>	NO	NO	NO
<u>Polymer Acrylate Oligomer</u>	NO	NO	NO

1-Hydroxycyclohexyl Phenyl Ketone	NO	NO	NO
<u>Trimethylbenzoyl Diphenylphosphine Oxide</u>	NO	NO	NO

**Literature Referenced Target Organ & Other Health Effects**

Hazardous components	Health Effects/Target Organs
<u>Trimethylhexyl Dicarbamate Oligmer</u>	No Records
<u>Propoxylated Neopentyl Glycol Diacrylate</u>	No Records
1-Hydroxycyclohexyl Phenyl Ketone	No Records
Polymer Acrylate Oligomer	No Records
<u>Trimethylbenzoyl Diphenylphosphine Oxide</u>	No Records

**SECTION 12. ECOLOGICAL INFORMATION**

Ecological information: Not available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to P.R.C, province and local governmental regulations.

ECE hazardous waste number: Not a RCRA hazardous waste.

**SECTION 14. TRANSPORT INFORMATION**

DOT: Non-Hazardous For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

RID/ADR: Non-Hazardous For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

Iata: Non-Hazardous For Air Transport

Imo: Non-Hazardous For Sea Transport

**SECTION 15. REGULATORY INFORMATION**

EU Additional Classification:

R36

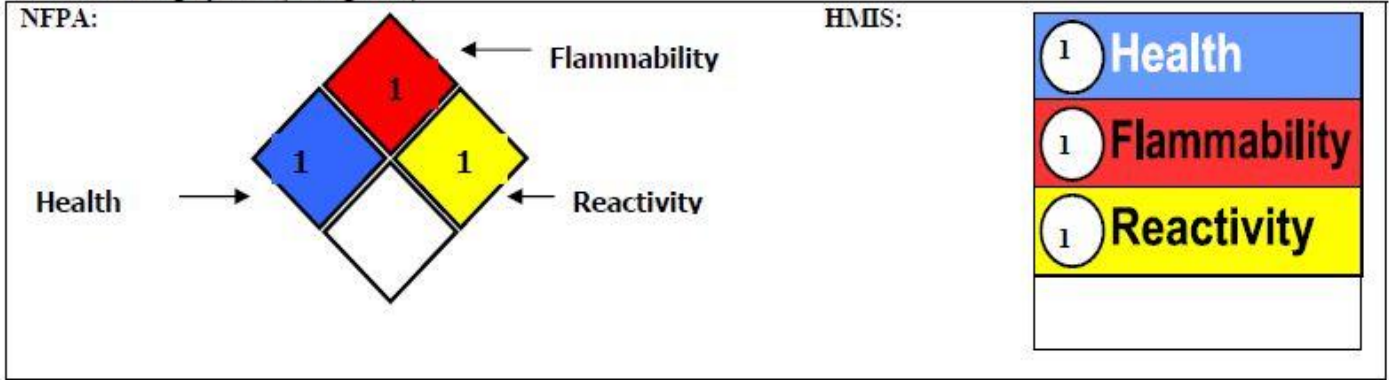
Risk Statements: Irritating to eyes.

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Safety Statements: Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical.

**SECTION 16. OTHER INFORMATION**

**Hazard Rating System (Pictograms)**



**DISCLAIMER:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.