

## MATERIAL SAFETY DATA SHEET, Apres Diamond Gel

**MATERIAL SAFETY DATA SHEET  
APRES DIAMOND GEL**

Revision Date: 8/11/2021

**Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION**

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**Product Name:** APRES DIAMOND GEL**Chemical Name:** Proprietary Blend**Chemical Family:** Photopolymerizable**Formulation, Formula:** Not Applicable, Mixture.**CAS Registry Number:** Not Applicable, Mixture.**Manufacturer:** Weihao Industries**Address:** 17637 Rowland St. Unit E City of Industry, CA 91748**Supplier Name:** Applied Lacquer Industries Inc.**Address:** 17635 Rowland St. Unit A City of Industry, CA 91748**Emergency Phone Number:** 626-581-1894**Section 2. HAZARDS IDENTIFICATION**

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**GHS Label Elements:** Irritant (skin and eye)**Hazard Classification****Health Hazards:** Acute toxicity

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Oral = Category 4  
Skin Irritant = Category 2  
Eye Irritant = Category 2A

**Hazard Statements-EU:** H302 – Harmful if swallowed.  
H315 – Causes skin irritation.  
H317 – May cause an allergic skin reaction.  
H319 – Causes serious eye irritation.

**Effects of Overexposure**

**In the Eyes:** May cause moderate irritation, including burning sensation, tearing, redness or swelling.

**On The Skin:** May cause delayed irritation; potential sensitizer.

**Carcinogenicity:** Not a carcinogen or potential carcinogen per NTP, IARC, OSHA.

**Medical Conditions Aggravated by Exposure:** Unknown

**Precautionary Statement(s) Response**

**Prevention:** P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 – Wash thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves/protective clothing/eye protection.

**Response:** P301+P312 – IF SWALLOWED: Call a poison center/doctor if you feel unwell.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 – Specific treatment (see product label).

P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 – If eye irritation persists: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.

P391 – Collect spillage.

**Storage:** P403+P235 – Store in a well-ventilated place. Keep cool.

P405 – Store locked up.

**Disposal:** P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified:** There are no other hazards not otherwise classified that have been identified.

**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS**

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Chemical formulations of this type are based on acrylate/methacrylate chemistry, and contain monofunctional

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and multifunctional acrylate/methacrylate monomers/oligomers and photo-initiators. The specific identity of the ingredients is considered proprietary and a trade secret. The product in the uncured state is a potential sensitizer, a primary eye irritant and a moderate skin irritant.

CHEMICAL NAME	CAS NUMBER	WT/WT %
Polyurethane Acrylate Oligomer	N/A	66.0-100.0%
2-Hydroxyethyl methacrylate	868-77-9	0.0-20.0%
1-Hydroxycyclohexyl phenyl ketone	947-19-3	0.0-6.00%
Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	162881-26-7	0.0-6.00%
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.0-2.00%

**Section 4. FIRST AID MEASURES**

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**In the event of exposure by inhalation:** Supply fresh air; seek medical attention in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

**In the event of eye contact:** Immediately rinse eyes with running water for at least 15 minutes. If symptoms persist, get medical attention/consult a doctor.

**In the event of skin contact:** Wash thoroughly with soap and water. Do not use solvent. Remove contaminated clothing and wash before reuse.

**In the event of ingestion:** Induce vomiting and seek medical attention.

**Section 5. FIRE FIGHTING MEASURES**

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**Special Fire Fighting Procedures:** Do not enter the fire area without wearing proper protective equipment.

Fight the fire from a safe distance and protected location. Heat and impurities may increase temperature and build pressure that can rupture the container, thereby spreading the fire and increasing risk of injuries.

Use water spray fog for cooling. Notify authorities if the liquid enters the sewer or public water.

**Hazardous Combustion Products:** Oxides of carbon.

**Suitable Extinguishing Media:** Dry Chemical, Carbon Dioxide, Water, Water Fog, Foam.

**Section 6. ACCIDENTAL RELEASE (SPILL MEASURES)**

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**Personal precautions, protective equipment and emergency procedures:** Eliminate all ignition sources.

Persons not wearing protective equipment should be excluded from the area of spill.

**Methods and material for containment and clean up:** Stop the spill at the source. Dike the area to contain the spill. pump into salvage containers or absorb with inert material.

**Environmental procedures:** Avoid release to the environment. Inform respective authorities in case of seepage into water course or sewage system.

**Reference to other sections:** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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**Precautions for safe handling:** Avoid eye and skin contact. Avoid splashes or spray in enclosed areas.

Keep out of reach of children.

**Information about protection from spillage:** Promptly remove contaminated clothing.

**Conditions for safe storage including any incompatibilities:** Do not store in direct sunlight. Avoid storage near excess heat. Prevent freezing. Store in a tight closed container. Keep away from heat, sparks, open flame, strong oxidizing agents, radiation and other initiators. Prevent contamination by foreign materials.

**Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Engineering Controls:** Good general exhaust fans

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Do not eat, drink or smoke while using the product. Immediately remove all soiled and contaminated clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with the eyes and skin.

**Eye Protection:** Safety glasses; Follow relevant national guidelines concerning the use of protective eye wear.

**Skin protection:** Protective work clothing

**Hand protection:** Protective gloves; The glove material has to be impermeable and resistant to the product/substance/preparation.

**Respiratory Protection:** Use only NIOSH/MSHA approved respiratory protection for organic mists and vapors.

**Other Protective Equipment:** As required to minimize skin contact. Rubber Apron, Eye wash, safety shower.

**Exposure Guidelines:** None established for this product.

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)**

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**Appearance and physical state**

**Liquid Color:** Clear

**Type of Odor:** Acrylic, Pungent

**Odor threshold:** Not determined

**Important health, safety and environmental information**

**Initial Boiling Point and Boiling Range:** Not determined

**Melting Point/Freezing Point:** Not determined

**Flammability Classification:** Not applicable

**Flash Point:** >200°F (Setaflash)

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**Autoignition Temperature:** Not applicable

**Flammability Limits in Air (% by volume):** Unknown

**Evaporation rate:** Unknown

**Specific Gravity (H<sub>2</sub>O=1):** 1.06-1.08

**Vapor Pressure (mm Hg):** C < 0.01

**Vapor Density (Air=1):** Heavier Than Air

**Water Solubility:** Limited

**Reactivity in Water:** Non-reactive

## Section 10. STABILITY AND REACTIVITY

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**Reactivity:** No relevant information available.

**Stability:** Unstable, may polymerize.

**Incompatible materials:** Strong oxidizers, peroxides, and free radical initiators

**Hazardous Polymerization:** May occur

**Conditions to avoid:** Heat, direct sunlight, strong oxidizing agents, freezing conditions, ultraviolet radiation

**Hazardous Decomposition Products:** N/A

## Section 11. TOXICOLOGICAL INFORMATION

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Toxicology of this product has not been established.

## Section 12. ECOLOGICAL INFORMATION

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Do not discharge into drains or the environment, dispose to an authorized collection point.

## Section 13. DISPOSAL CONSIDERATIONS

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### Waste treatment methods

**Disposal:** The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

**Container disposal:** Offer for recycling or triple rinse and dispose of in an approved landfill.

## Section 14. TRANSPORT INFORMATION

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**Transport class:** This product does not require a classification for transport.

**DOT Description:** Not Regulated

**Proper Shipping Name:** Not dangerous goods

**Identification Number:** N/A

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Marine Pollutant: No

Special Provisions: N/A

**Emergency Response Guidebook (ERG) #: N/A**

**IATA (DGR):**

Proper Shipping Name: Not dangerous goods

Class or Division: N/A

UN or ID Number: N/A

Packaging Instructions:

**Emergency Response Guidance (ICAO)#:**

**IMO (IMDG):**

Proper Shipping Name: Not dangerous goods

Class or Division: N/A

UN or ID Number: N/A

Special Provisions & Stowage/Segregation: None

**Emergency Schedule (EmS)#:**

**Other Information:** Flash point >100°F

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**Section 15. REGULATORY INFORMATION**

All components are listed on the TSCA Inventory.

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**Section 16. OTHER INFORMATION**

Hazard Rating:

HMIS:

Health - 1

Flammability - 1

Reactivity - 2

Protective Equipment: B

NFPA:

Health - 1

Flammability - 1

Reactivity - 2

The above information is based on data available to us and is believed to be correct. However, no warranty, merchantability, fitness for any use or any other warranty is expressed or to be implied regarding the accuracy of these data, the result to be obtained from the use thereof, the hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility resulting from its use. This information is furnished upon the condition that the person receiving it shall make his own determination for the suitability of the material for his particular purpose.