



MATERIAL SAFETY DATA SHEET
APRES Astral Gel Couleur (Pearlescent Gel – Part A)

Revision Date: 11/27/2024

Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: Astral Gel Collection (Pearlescent Gel – Part A)**Synonyms:** Not Available**Product Use:** Nail Gel, used in Manicure**Manufacturer:** Weihao Industries Inc.**Address:** 15151 Don Julian Rd, City of Industry, CA 91746**Supplier Name:** Applied Lacquer Industries Inc.**Address:** 16839 Gale Ave, City of Industry, CA 91745**Emergency Phone Number:** 626-581-1894**Section 2. HAZARDS IDENTIFICATION**



Hazard Statement(s):

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Hazard(s) not otherwise specified:

N/A

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Supplementary Statement(s):

N/A

Precautionary Statement(s) Response

P261	Avoid breathing dust / fume / gas / mist / vapors / spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection / face protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.

Precautionary statement(s) Disposal

P501	Dispose of contents and container in accordance with local / regional / national / international regulations.
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Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Non-Hazardous Ingredients

CHEMICAL NAME	CAS NO.	PERCENTAGE %
Polyurethane-80	139352-65-1	70%
Hydroxypropyl Methacrylate	27813-02-1	18%
(2,4,6-Trimethylbenzoyl)bis(p-tolyl)phosphine Oxide	270586-78-2	3.1%
Hydrated Silica	7631-86-9	3%
Dimethicone	9006-65-9	0.9%
Synthetic Fluorophlogopite	12003-38-2	0.34%
Tin Oxide	18282-10-5	0.66%

*May contain any combination of:

CHEMICAL NAME	CAS NO.	PERCENTAGE %
CI 73360	2379-74-0	0.5%-1%
CI 77491	1309-37-1	1%
CI 77492	51274-00-1	1%

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CI 77499	12227-89-3	1%
CI 77891	13463-67-7	2%-4%

Section 4. FIRST AID MEASURES

INHALATION: Remove person to fresh air. Get medical attention if feeling unwell.

EYES: Immediately rinse eyes with plenty of water for 15 minutes, occasionally lifting the upper and lower eyelids. If irritation occurs and persists, contact a doctor.

SKIN: Remove all contaminated clothing. Immediately cleanse affected areas thoroughly by washing with mild soap and water. Get medical attention if there is skin irritation or a rash occurs.

INGESTION: If victim is drowsy or unconscious, place on left side with head down.

Do not give anything by mouth.

If victim is conscious, vomiting should be induced by gently placing 2

Fingers on the back of the throat. Get immediate medical attention.

Section 5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, CO₂. Universal type foam.

Use water to keep fire-exposed containers cool and avoid increase in pressure causing the release of the drum lid.

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

Decomposition products formed under fire conditions: Oxides of carbon, nitrogen, and phosphorus. Other irritating organic gas.

Section 6. ACCIDENTAL RELEASE (SPILL MEASURES)

Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well-ventilated area. Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up. Do not flush into sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free number for the US Coast Guard National Response Center is (800) 428802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washing from entering waterways.

Section 7. HANDLING AND STORAGE

Handling: Most acrylic monomers have low viscosities, thus only needing room temperature conditions to facilitate proper pouring techniques. However, viscous type gels such as these may require heating to facilitate proper pouring techniques. To ensure that this happens, product may be heated to 60°C/140°F for not more than 24 hours. Do NOT use localized heat sources such as band heaters to heat/melt product. Do NOT use steam. Hot boxes and ventilated rooms are recommended for heating/melting material. The hot box and/or room should only be set to a maximum temperature of 60°C/140°F. Do not overheat, as this may compromise product effectiveness and should be avoided. Refrain from multiple reheating of product, as this will also diminish the quality of the product. Product is extremely light sensitive. If exposed to natural light or UV light, material will cure very quickly, so avoid whenever possible.

Storage: Keep containers tightly closed. Store in a cool, dry place, away from heat and all types of light. Store at temperatures below 100°F/38°C but above the product's freezing point. If no freezing point is given, keep above 32°F/0°C at all times. Avoid exposure to light. Do not dispense the poured-out gel back into the original container.

Quality guarantee period: 24 months

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (26CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole-body suit. Nitrile rubber is better than PVC. Provide appropriate exhaust ventilation.

Accidental Ingestion Protection: Post mark like “Industrial Materials”, “Fasting”, or other labeling on visible area of the package.

Respiratory Protection: Generally normal ventilation is enough. Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

Eye/Face Protection: Wear chemical splash goggles.

Skin Protection: Wear impervious gloves. Avoid skin exposure. Handle with care in production.

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Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Appearance: color gel	Odor: tasteless
Odor Threshold: —	Melting Point: —
pH: 7	Boiling Point: — °F >100 °C
Flammability (solid, gas): /	Flash point: — °C
Decomposition Temperature: >110 °C	Test Methods: C setaflash
Autoignition temperature: —	Explosion Limits: —
Vapor Pressure: —	Vapor Density: —
Density: 1.05 g/m ³	Solubility: insoluble in water , soluble in acetone , > 30g / 20g (25 °C)
Partition coefficient(n-octanol/water): —	Evaporation rate: —
Viscosity (60°C, mPa.s): 1000-1500 mPa.s	

Section 10. STABILITY AND REACTIVITY

Stability: Normally Stable; May affect the stability in environment exposed to light and/or high temperature.

Storage Temperature: 8 – 28°C

Hazardous Decomposition Products: Fumes produced when heated to decomposition may include oxides of carbon, nitrogen, phosphorous, and other organic gas.

Incompatibility (Materials to Avoid): Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong acids & bases.

Conditions to Avoid: Storage >100/38°C, exposure to light or moisture, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials. Keep away from open flames, hot surfaces, sources of ignition.

Section 11. TOXICOLOGICAL INFORMATION**Acute toxicity:**

2-Propenoic acid,(5-ethyl-1,3-dioxan-5-yl)methyl ester: LD50—oral, rat = 5050 mg/kg

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory sensitization: No sensitizing effects known.

Skin sensitization: May cause an allergic skin reaction.

Carcinogenicity: No known significant effects or harm.

Germ Cell Mutagenicity: No known significant effects or harm.

Reproductive Toxicity: Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (CAS#75980-60-8): Suspected of damaging fertility or the unborn child.

Potential Health Effects:

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Generally, no harm to health after curing as the UV-cured gel is a polymeric material. No ingredient is expected to be released under normal conditions.

Section 12. ECOLOGICAL INFORMATION

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow uncured gel to enter drinking water suppliers, wastewater, or soil. It becomes a typical polymer after curing, which has no direct damage to the environment.

ECOTOXICITY: Not available
BIOACCUMULATIVE POTENTIAL: Not available
PERSISTENCE AND DEGRADABILITY: Not available
MOBILITY IN SOIL: Not available
OTHER ADVERSE EFFECTS: Not available

Section 13. DISPOSAL CONSIDERATIONS

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as hazardous waste. Comply with all federal, state, and local regulations. Dispose of diking material and absorbent in compliance with State, Local, and Federal environmental regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

Section 14. TRANSPORT INFORMATION

DOT (49CFR 172)

Proper Shipping Name: Non-Regulated Material
 Identification Number: N/A
 Marine Pollutant: N/A
 Special Provisions: N/A
 Emergency Response Guidebook (ERG)# N/A

IATA (DGR):

Proper Shipping Name: Non-Regulated Material
 Class or Division: N/A
 UN or ID Number: N/A
 Packaging Instructions:
 Emergency Response Guidance (ICAO)#:

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IMO (IMDG):

Proper Shipping Name: Non-Regulated Material

Class or Division: N/A

UN or ID Number: N/A

Special Provisions & Stowage/Segregation: None

Emergency Schedule (EmS)#:

Section 15. REGULATORY INFORMATION

US Regulations

Clean Air Act: (HAP, ODS) This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: NONE This product contains no ODS's.

Clean Water Act: (Priority Pollutant) This product contains no chemicals listed under the U.S. Clean Water Act Priority Pollutant List.

FDA: (Food Packaging Status) This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.

TSCA: All the components are listed in the TSCA inventory.

Occupational Safety and Health Act (OSHA): None of the components in this product are considered highly hazardous by OSHA.

RCRA: This product is not considered to be a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 302 (TPQ) This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.

SARA Title III: Section 302 (RQ): This product contains no chemicals regulated under Section 302 as extremely hazardous chemical for emergency release notification (CERCLA List).

Canadian Regulations

DSL / NDSL Status: All components of this product are on the Canadian DSL list.

EU Regulations

EINECS: European Inventory

. HAZARD SYMBOLS: Xi: Irritant

Classification according to 67 / 548 / EEC or 1999 / 45 / EC

. R36/38: Irritating to eyes and skin

. R43: May Cause Sensitization by skin contact.

. SAFETY PHRASES: S18: Handle and open container with care, S24/25: avoid contact with skin and eyes, S36/37: Wear suitable protective clothing and gloves, S38: In case of insufficient ventilation, wear suitable respiratory equipment.

Section 16. OTHER INFORMATION

Hazard Rating System NFPA:

Health 2

Flammability 1

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Reactivity 1

Hazard Rating System HMIS:

Health 2

Flammability 1

Reactivity 1

The information complements the technical data instruction sheets, but does not replace them. The information about the product is given to the best of our knowledge at the date indicated.

The information given in this text does not dispense the use from being informed of and the regulations governing his activity, and he is solely responsible for taking the necessary measures when using the product.

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.