

MATERIAL SAFETY DATA SHEET, **Gel-X® Tips**

MATERIAL SAFETY DATA SHEET
APRES Gel-X® Tips

Revision Date: 04/06/2023

Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: APRES Gel-X® Tips

Synonyms: Not Available

Product Use: Cosmetics

Manufacturer: Weihao Industries Inc

Address: 15151 Don Julian Rd City of Industry, CA 91746

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

GHS Label Elements: N/A / Can not be classified

Hazard Classification

Hazard(s) not otherwise classified: Dust explosion hazard

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT/WT %
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Methylmethacrylate-methylacrylatecopolymer	9011-87-4	10-90%
2-propenoicacid,2-methyl-,methylester,polymerwithbutyl 2-propenoate and ethenyl benzene	27136-15-8	10-90%
Methylmethacrylate	80-62-6	<0.5%

Section 4. FIRST-AID MEASURES

In the event of skin contact: If the molten resin comes in contact with the skin, immediately rinse and cool with plenty of tap water, and seek medical attention immediately. If cooled gas condensate produced by molten resin adheres to the skin, rinse off skin with soapy water. If symptoms such as itching occur, visit the doctor immediately.

In the event of eye contact: When the fine resin powder and dust get into the eyes, rinse with water for more than 15 minutes immediately. Do not rub the eyes, otherwise, it will increase its irritation and may damage the cornea. If you wear contact lenses, if conditions permit, remove the contact lenses and continue to rinse. If you feel unwell, seek medical attention immediately.

In the event of swallowing: Immediately visit the doctor.

In the event of exposure by inhalation: If inhalation of a large amount of gas generated by molten resin at a high temperature, move the patient to a place with fresh air to keep him/her warm and calm. Keep at rest. If symptoms such as coughing or breathing difficulties occur, visit the doctor immediately.

Most important symptoms and effects, acute and delayed: No data.

Indication of any immediate medical attention and special treatment needed: No data.

Section 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: CO₂, extinguishing powder or water spray.

Unsuitable extinguishing media: Carbon monoxide, carbon dioxide.

Advice for firefighters: Firefighters must wear suitable air breathing apparatus and chemical protective clothing, put out the fire in the upwind direction, and avoid inhaling toxic fumes gas. When extinguishing the fire, move the container from the fire site to an open place as much as possible and cool it down. The ambient temperature can also be reduced by using mist water. Evacuate people who may be affected by the downwind direction as soon as possible.

Section 6. ACCIDENTAL RELEASE (SPILL MEASURES)

Personal precautions, protective equipment and emergency procedures: See Section 8.

Methods and material for containment and clean up: Clean up the spill as much as possible and put it in a chemical waste container, then dispose of it. Prevent dust and dust accumulation.

Emergency response procedures: Remove all ignition sources (including non-explosion-proof electrical equipment). If the product remains on the road or the ground, it may cause slipping. Do not touch or step on the leaked material.

Environmental procedures: Avoid release into the environment. Inform respective authorities in case of

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seepage into the watercourse or sewage system.

Section 7. HANDLING AND STORAGE

Handling**Precautions for safe handling:**

1. Static electricity is easily generated during operation, so anti-static measures should be taken for transmission lines and storage containers. Protect against electrostatic charges.
2. Wear gloves during operation, and wear dust-proof goggles and face masks when necessary. Dust like organic powder when generated can cause powder explosion, in which the workplace should keep ignition sources away. It is recommended to operate in a place with local exhaust. Use only in well-ventilated areas. Keep out of reach of children.
3. When overheating, the molten resin generates high-temperature gas, especially when handling a large amount of molten resin. Workers should wear protective gloves & goggles, long-sleeve work clothes, and if necessary, wear a protective face shield to avoid eyes and skin exposure, and avoid inhalation of high-temperature gas. In case of excess gas inhalation, reactions such as nausea and headaches can occur depending on individual physical differences.
4. Wear suitable dust-proof goggles while producing the resin, generating dust, or actions such as cutting, polishing, crushing the material, etc. For dust-proof equipment such as face-shields, it is recommended to install a ventilation device with a dust collector in the workplace.
5. No eating or smoking allowed in work areas.

Storage

Conditions for safe storage including any incompatibilities: Store in cool, dry conditions such as a well-ventilated storeroom. Avoid storage under direct sunlight, rain, and extreme heat conditions. Keep away from ignition sources or open flame. After a shelf life of one year, it can still be used as long as it passes standard tests. Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizing agents. Further information about storage conditions: Store locked up. Avoid excessive stacking of goods or overshooting load weight.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Allowable Concentration:

China GBZ2.1-2007: Methylmethacrylate: PC-TWA 100mg/m³[sensitive];

US ACGIH (2011): General dust: 10mg/m³ (total dust)

Japanese Society of Industrial Hygiene (2011): Type 3 organic dust: 8mg/m³ (total dust)

Engineering control method: During molding processing (heating) and mechanical processing, in order to maintain a comfortable working environment, it is recommended to collect generated gas, powder dust, dust, etc., and set up a local exhaust system to deal with them. Safety showers and eye-washing equipment should be

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provided at the work site and clearly marked.

Individual protection measures, such as personal protective equipment

Respiratory protection: If necessary, wear a dust mask and other dust-proof equipment. The disassembly and cleaning of molding machines are accompanied by generation of large amounts of high-temperature gas, for which a protective mask should be used in the presence of organic gas.

Eye/face protection: No special protection is needed. Use suitable safety glasses when handling high-temperature molten resin.

Skin protection: Standard work clothes. Wear long-sleeved overalls when handling high-temperature molten resin.

Hand protection: No special protection is needed. Use suitable protective gloves when handling high-temperature molten resin.

Limitation and supervision of exposure into the environment: No relevant information available.

Risk management measures: No relevant information available.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Appearance and physical state: Granular solid

Type of Odor: Almost odorless

Odor threshold: N/A

Important health, safety and environmental information

pH: N/A

Initial Boiling Point and Boiling Range: Not determined

Melting Point/Freezing Point: Not determined / Gradually softens at about 60~100°C

Flammability Classification: Not applicable

Flash Point: N/A

Evaporation rate: N/A

Density (g/cm³): >1

Water Solubility: It is insoluble in water, swells, and partially dissolves in solvents such as chloroform.

n-Octanol Partition Coefficient with water: N/A

Auto-ignition temperature: >300°C

Decomposition temperature: 280°C (estimated value)

Section 10. STABILITY AND REACTIVITY

Reactivity: No self-reactivity at room temperature.

Stability: It is stable under normal and recommended operating, storage and disposal conditions.

Possibility of hazardous reactions: Toxic fumes may be released if heated above the decomposition point.

Conditions to avoid: Keep away from high temperature, heat sources, sparks and flames, avoid direct sunlight, and avoid heating airtight containers.

Incompatible materials: Not determined

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Hazardous decomposition products (under fire conditions only): Carbon monoxide, carbon dioxide, other combustion gases

Section 11. TOXICOLOGICAL INFORMATION

There is no toxicological information. This product is a stable, insoluble solid at room temperature, so it can be considered to have no impacts on ecology.

Section 12. ECOLOGICAL INFORMATION

Do not discharge into drains or the ocean. Dispose to an authorized collection point.

Section 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal: It must be disposed of in accordance with local and national laws and regulations. It is recommended to use landfill and incineration methods for disposal. Paper bags, plastic bags, and flexible containers (made of polypropylene) are disposed of by incineration.

Section 14. TRANSPORT INFORMATION

PACKING GROUP (DOT, ADR, IMDG, IATA): N/A

UN No: N/A

Hazard Class: N/A

Packing group (DOT): N/A

Placard: N/A

EMS No.: N/A

Transport/additional information: In order to prevent the bag from being broken, do not handle the package roughly. If there is a broken bag, refer to Section 6.

Section 15. REGULATORY INFORMATION

"Regulations on the Safety Management of Hazardous Chemicals" (2011 State Council Order No. 591)

"Regulations on the Safe Use of Chemicals in the Workplace" ([1996]The Ministry of Labor issued No. 423).

"General Rules for Classification and Hazard Communication of Chemicals (GB13690-2009)

"Dangerous Goods List" (GB12268-2005)

"List of Hazardous Chemicals" (2002 edition)

"Classification and Number of Dangerous Goods" (GB6944-2005)

"Occupational Exposure Limits for Hazardous Factors in the Workplace Part 1: Chemical Hazardous Factors" (GBZ 2.1 2 007)

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IECSC: All components of this product have been listed in the IECSC catalog.

Section 16. OTHER INFORMATION

HMIS Hazard ID:

Health: No information available

Flammability: No information available

Reactivity: No information available

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.