



MATERIAL SAFETY DATA SHEET APRES Gel-X Prep

Revision Date:1/4/2023

Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: APRES Gel-X Prep**Synonyms:** Not Available**Product Use:** Cosmetics**Manufacturer:** Cali Chem, Inc.**Address:** 14271 Corporate Dr. Suite B, Garden Grove, CA 92843**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 Classifications

Flammable liquids (Category 2), H225

Eye irritation (Category 2A), H319

Specific target organ toxicity – single exposure (Category 3), Central nervous system, H336

GHS Label elements

Hazard pictograms:**Signal word:** Danger

MATERIAL SAFETY DATA SHEET, **Apres Gel-X Prep****Hazard statements(s)**

H225 Highly flammable liquid and vapor

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fumes/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

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

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P403 + P233 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS No
Butyl acetate	25%-40%	123-86-4
Acetone	15%-25%	67-64-1
Ethyl acetate	15%-25%	141-78-6
Isopropyl Alcohol	15%-25%	67-63-0

Section 4. FIRST AID MEASURES**4.1 Description of first aid measures****General advice**

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Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed

Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see Section 2.2) and/or in Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Use water with caution. Fight fire from safe distance and protective location.

5.4 Further information

Use water spray to cool unopened containers.

Explosion Hazards: When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products like carbon oxides. Vapors may cause a flash fire and may travel a considerable distance to a source of ignition and flash back. Vapors can be ignited by pilot lights, other flames, sparks, heaters, smoking or other sources of ignition at locations distant from material handling point. Prevent buildup of vapors or gases to explosive concentrations.

Section 6. ACCIDENTAL RELEASE (SPILL MEASURES)

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

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Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically-protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see Section 13).

Section 7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition – No smoking. Take measures to prevent the buildup of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, and well-ventilated place away from heat, sparks and flame. Keep containers tightly closed and upright when not in use to prevent leakage.

Handle and store under inert gas. Hygroscopic

Explosion Hazard:

Never use welding or cutting torch on or near drum (even empty) because product (even just a residue) can ignite explosively.

7.3 Specific end use(s)

Apart from the uses mentioned in Section 1.2, no other specific uses are stipulated.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure limits**

Component	CAS-No.	Value	Control Parameters	Basis
Acetone	67-64-1	TWA	500 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation Central Nervous System Impairment Hematologic effects Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		STEL	750 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Eye & Upper Respiratory Tract irritation Central Nervous System Impairment Hematologic effects Substances for which there is a Biological Exposure Index or Indices (see BEI® section)		

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		Not classifiable as a human carcinogen		
		STEL	1,000 ppm 2,400 mg/m ³	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000
		The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.		
		TWA	1,000 ppm 2,400 mg/m ³	USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		
		TWA	250 ppm 590 mg/m ³	USA. NIOSH Recommended Exposure Limits
		TWA	750 ppm 1,800 mg/m ³	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000
Ethyl acetate	141-78-6	TWA	400 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation		
		TWA	400 ppm 1,400 mg/m ³	USA. NIOSH Recommended Exposure Limits
		TWA	400 ppm 1,400 mg/m ³	USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		
n-Butyl acetate	123-86-4	TWA	150 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation		
		STEL	STEL	USA. ACGIH Threshold Limit Values (TLV)
		Eye & Upper Respiratory Tract irritation		
		TWA	150 ppm 710 mg/m ³	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000
		STEL	200 ppm 950 mg/m ³	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000

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		TWA	150 ppm 710 mg/m ³	USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		
		TWA	150 ppm 710 mg/m ³	USA. NIOSH Recommended Exposure Limits
		ST	200 ppm 950 mg/m ³	USA. NIOSH Recommended Exposure Limits
Isopropyl alcohol	67-63-0	TWA	200 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye & Upper Respiratory Tract irritation Central Nervous System impairment		
		STEL	400 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Eye & Upper Respiratory Tract irritation Central Nervous System impairment Not classifiable as a human carcinogen		
		TWA	400 ppm 980 mg/m ³	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000
		STEL	500 ppm 1,225 mg/m ³	USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000
		TWA	400 ppm 980 mg/m ³	USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants
		The value in mg/m ³ is approximate.		
		TWA	400 ppm 980 mg/m ³	USA. NIOSH Recommended Exposure Limits
		ST	500 ppm 1,225 mg/m ³	USA. NIOSH Recommended Exposure Limits

MATERIAL SAFETY DATA SHEET, **Apres Gel-X Prep****Biological occupational exposure limits**

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Acetone	67-64-1	Acetone	50 mg/l	Urine	ACGIH – Biological Exposure Indices (BEI)
	Remarks	End of shift (As soon as possible after exposure ceases)			
Isopropyl alcohol	67-63-0	Acetone	40 mg/l	Urine	ACGIH – Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			

Exposure Controls**Appropriate engineering controls**

Facilities storing or utilizing this material should be equipped with an eye-washing station and safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Use explosion-proof ventilation equipment.

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal Protective Equipment**Eye/Face Protection**

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multipurpose combination (US) or type ABEK (EN14287) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH or CEN.

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains. Discharge into the environment must be avoided.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

MATERIAL SAFETY DATA SHEET, Apres Gel-X Prep**Odor:** acetone-like**Odor threshold:** N/DA**pH:** N/DA**Melting point/freezing point:** N/DA**Initial boiling point and boiling range:** 56 °C**voc (g/L):** 736**Specific Gravity:** (H₂O =1):0.92**Viscosity:** N/DA**% Volatile:** W/W %: 50+**Material VOC:** N/DA**Octanol/Water Partitioning Coefficient Log Po/w:** N/DA**Vapor Pressure:** N/DA**Vapor Density:** N/DA**Relative density:** N/DA**Evaporation Rate:** N/DA**Solubility In Water (20°C):** Insoluble**Flash Point:** 10 °C (closed cup)**Flammability:** N/DA**Upper/lower flammability or explosive limit:** N/DA**Auto-Ignition Temperature:** N/DA**Decomposition Temperature:** N/DA**Section 10. STABILITY AND REACTIVITY**

10.1 Reactivity

No data available

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Vapors may form explosive mixture with air.

10.4 Conditions to Avoid

Heat, flames, and sparks. Extremes of temperature and direct sunlight.

10.5 Incompatible Materials

Strong oxidizing agents, Strong acids, Strong bases, Acid chlorides, Acid anhydrides, Aluminum, Halogenated compounds

10.6 Hazardous Decomposition Products

Carbon oxides

In the event of fire: see Section 5

MATERIAL SAFETY DATA SHEET, **Apres Gel-X Prep****Section 11. TOXICOLOGICAL INFORMATION****Acute toxicity:**

Substance/Ingredient	Test Results	Species
Acetone	LD50 Oral – 5,800 mg/kg	Rat
	LD50 Inhalation – 8 hr – 50,100 mg/m ³	Rat
	LD50 Dermal – 7,426 mg/kg	Guinea Pig
Ethyl Acetate	LD50 Oral – 5,620 mg/kg	Rat
	LD50 Inhalation – 45,000 mg/m ³	Mouse
	LD50 Dermal – 18,000 mg/kg	Rabbit
Butyl Acetate	LD50 Oral – 10,700 - 14,130 mg/kg	Rat
	LD50 Inhalation – 4hr - > 21.0 mg/l	Rat
	LD50 Dermal – 17,600 mg/kg	Rabbit
Isopropyl Alcohol	LD50 Oral – 5,045 mg/kg	Rat
	LD50 Inhalation – 8 hr – 16000 ppm	Rat
	LD50 Dermal – 12,800 mg/kg	Rabbit

Substance/Ingredient	Skin corrosion/irritation	Eye damage/irritation	Respiration sensitization	Skin sensitization
Acetone	Mild skin irritation – 25 hr - rabbit	Eye irritation – 24 h - rabbit	No data available	Does not cause skin sensitization
Ethyl Acetate	May cause skin irritation and/or dermatitis	No data available	No data available	No data available
Butyl Acetate	No skin irritation – 4hr – rabbit (OECD Test guideline 404)	No eye irritation – 4hr – rabbit (OECD Test guideline 405)	No data available	No data available
Isopropyl Alcohol	Mild skin irritation – rabbit	Eye irritation – 24 h - rabbit	No data available	No data available

Description of the delayed, immediate, or chronic effects from short- and long-term exposure**Specific target organ toxicity – single exposure**

Inhalation, Oral – May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure

No data available

Chronic health effects

Substance/Ingredient	Germ Cell mutagenicity	Carcinogenicity	Reproductive toxicity
Acetone	No data available	Not significant effects	Not available
Ethyl Acetate	No data available	No known significant effects	Not available
Butyl Acetate	No data available	No known significant effects	Not available
Isopropyl Alcohol	No data available	No known significant effects	Not available

MATERIAL SAFETY DATA SHEET, **Apres Gel-X Prep****Aspiration hazard**

No data available

Additional Information

Kidney – Irregularities – Based on Human Evidence

Section 12. ECOLOGICAL INFORMATION**Toxicity**

Substance/Ingredient	Test	Species	Exposure
Acetone	LC50 – 5,540 mg/l	Oncorhynchus mykiss	96 hr
	LC50 – 8,800 mg/l	Daphnia magna	48 hr
Ethyl Acetate	LC50 – 350.00 - 600.00 mg/l	Oncorhynchus mykiss	96 hr
		Daphnia magna	24 hr
	EC50 – 2300-3090 mg/l	Daphnia magna	48 hr
		Pimephales promelas	96 hr
	LC50 – 560 mg/l	Algae	24 hr
	LC50 – 220-250 mg/l	Selenastrum	72 hr
	EC50 – 4300 mg/l		
Butyl Acetate	EC50 – 1800 - 3200 mg/l		
	LC50 – 100 mg/l	Lepomis macrochirus	96 hr
	EC50 – 72.8-205.0 mg/l	Daphnia magna	24 hr
		Daphnia	48 hr
	EC50 – 44 mg/l	Desmodesmus subspicatus	72 hr
Isopropyl Alcohol	EC50 – 674.7 mg/l		
	LC50 – 9640 mg/l	Pimephales promelas	96 hr
	EC50 – 5102 mg/l	Daphnia magna	24 hr
	EC50 – 2000 mg/l	Desmodesmus subspicatus	72 hr
	EC50 – 1000 mg/l	Algae	24 hr

Persistence and degradability

Substance/Ingredient	Persistent/degradable
Acetone	91% readily biodegradable
Ethyl Acetate	79% readily biodegradable
Butyl Acetate	n/a
Isopropyl Alcohol	n/a

Bioaccumulative potential

Ethyl Acetate – BCF: 30

Mobility in soil

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n/a

PBT and vPVB assessment

n/a

Other adverse effects

Harmful to aquatic life.

Section 13. DISPOSAL CONSIDERATIONS

General: Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations. Contact a licensed professional waste disposal service to dispose of this material.

Section 14. TRANSPORT INFORMATION

DOT (49 CFR -GND); IATA (AIR); IMDG (OCN):**Proper Shipping Name:** Flammable Liquids, n.o.s. (Acetone, Ethyl Acetate)**Primary Hazard Class/Division:** 3**UN/NA Number:** 1993**Packing Group:** II**Reportable Quantity (RQ) Under CERCLA:****Label:** Flammable**Section 15. REGULATORY INFORMATION**

RCRA

Ethyl Acetate – RCRA Code U112

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

2-Propanol

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard, Reactive Hazard

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- packaging additive.

Massachusetts Right to Know Components

Acetone, Ethyl acetate, n-Butyl acetate, 2-Propanol

Pennsylvania Right to Know Components

Acetone, Ethyl acetate, n-Butyl acetate, 2-Propanol

New Jersey Right to Know Components


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Acetone, Ethyl acetate, n-Butyl acetate, 2-Propanol

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. OTHER INFORMATION**Labeling according to EC Directives – 1999/45/EC:**

<p>European Community:</p> 	<p>HAZARD SYMBOLS: Xn, F</p> <p>RISK PHRASES: R11: <i>highly flammable</i>, R20/22: <i>Harmful by inhalation and if swallowed</i>, R36: <i>Irritating to eyes</i>, R43 <i>May cause sensitization by skin contact</i>; R66- <i>Repeated exposure may cause skin dryness or cracking</i>; R67 - <i>Vapors may cause drowsiness and dizziness</i></p> <p>SAFETY PHRASES: S16: <i>keep away from sources of ignition-no smoking</i>, S26 <i>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</i>; S28 <i>After contact with skin, wash immediately with plenty of water</i>; S33: <i>take precautionary measures against static discharges</i>, S37/37: <i>wear suitable protection clothing and gloves</i>.</p>
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<p>EU Classes and Risk / Safety Phrases for Referenced ingredients (See Section 2):</p> <p>F-Flammable substance or preparations</p> <p>Xi-Irritants</p> <p>Risks Phrases: R11- Highly flammable; R36-Irritating to eyes: R66-Repeated exposure may cause skin dryness or cracking; R67- Vapors may cause drowsiness and dizziness R36/38: Irritant to eyes and skin R43 May cause sensitization by skin contact</p> <p>Safety Phrases: S2 Keep out of reach of children: S16 Keep away from sources of ignition-No Smoking: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water S33 Take precautionary measures against static discharges</p>

HMIS Rating

Health hazard: 2

Chronic Health Hazard: *

MATERIAL SAFETY DATA SHEET, **Apres Gel-X Prep**

Flammability: 3

Physical Hazard: 0

NFPA Rating

Health hazard: 2

Fire Hazard: 3

Reactivity Hazard: 0

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