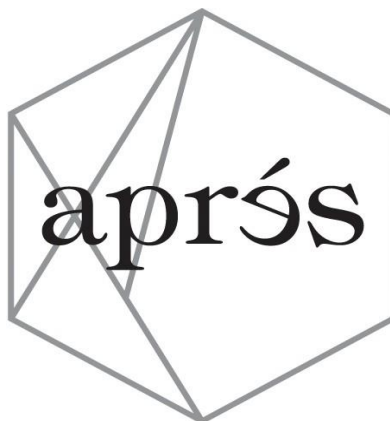


MATERIAL SAFETY DATA SHEET, **APRES Silk Cover****MATERIAL SAFETY DATA SHEET
APRES Silk Cover**

Revision Date: 8/26/2024

Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: APRES Silk Cover**Synonyms:** Metallic Gel**Product Use:** Cosmetics**Manufacturer:** Weihao Industries Inc.**Address:** 15151 Don Julian Rd, City of Industry, CA 91746**Company identification:** Applied Lacquer Industries Inc.**Address:** 16839 Gale Ave, City of Industry, CA 91745**Emergency Phone Number:** 626-581-1894**Section 2. HAZARDS IDENTIFICATION**

GHS Classifications**Classification according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567**

Flammable liquids (Category 3), H226

For the full text of the H-Statements mentioned in this Section, see Section 16.

GHS Label elements**Labeling according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567**

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover****Hazard pictogram:****Signal word:** Warning**Hazard statements(s)**

H226 Flammable liquid and vapor.

Precautionary statement(s)

P210 Keep away from heat, sparks, open flames, hot surfaces, and other ignition sources. 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 to prevent static discharges.

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS**Core Ingredients:**

Chemical Name	Vol. %	CAS No	EC No
2-Methoxy-1-methylethyl acetate	66%-70%	108-65-6	203-603-9
Aluminum (stabilized), powder	28.29%-30%	7429-90-5	231-072-3

*May contain any combination of:

Chemical Name	Vol. %	CAS No	EC No
CI 15850	0.24%-4.46%	5858-81-1	227-497-9
CI 77492	0.34%-2.47%	51274-00-1	257-098-5
CI 77499	0.80%-2.59%	12227-89-3	235-442-5
CI 77510	0.30%	12240-15-2	237-875-5

Section 4. FIRST AID MEASURES

MATERIAL SAFETY DATA SHEET, APRES Silk Cover**4.1 Description of first aid measures****General advice**

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

Take off all contaminated clothing immediately. Rinse skin with water/shower.

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 Extinguishing Media**Suitable extinguishing media**

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

Unsuitable extinguishing media

For this substance/mixture, no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

Combustible

Vapors are heavier than air and may spread along floors.

Forms explosive mixtures with air at elevated temperatures.

Development of hazardous combustion gases or vapors possible in the event of fire.

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

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the groundwater system.

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover**

Section 6. ACCIDENTAL RELEASE (SPILL MEASURES)

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapors, aerosols or gas. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate personnel to safe area, observe emergency procedures, consult an expert.

For personal protection, see Section 8.

6.2 Environmental precautions

Do not allow product to enter drains. Risk of explosion.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see Sections 7 and 10). Take up with liquid-absorbent and neutralizing material (e.g. Chemisorb® H⁺, Merck Art. No. 101595). Place in container for disposal according to local regulations (see Section 13). Clean up affected area.

Section 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

Change contaminated clothing. Wash hands thoroughly with soap after work. For precautions, see Section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

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

Storage class (TRGS 510): 3: Flammable liquids

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

8.1 Control parameters

Ingredients with workplace control parameters

Component	CAS-No.	Control Parameters	Value	Basis

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover**

2-Methoxy-1-methylethyl acetate	108-65-6	STEL	100 ppm 548 mg/m ³	UK. EH40 WEL – Workplace Exposure Limits
	Remarks	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		
		TWA	50 ppm 274 mg/m ³	UK. EH40 WEL – Workplace Exposure Limits
		Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		
		TWA	50 ppm 275 mg/m ³	Europe. Commision Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
		Identifies the possibility of significant uptake through the skin Indicative		
		STEL	100 ppm 550 mg/m ³	Europe. Commision Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
		Identifies the possibility of significant uptake through the skin Indicative		

8.2 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 (butyl-rubber type for full contact, nitrile rubber for splash contact). 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

Flame retardant antistatic protective clothing.

**MATERIAL SAFETY DATA SHEET, APRES Silk Cover
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. Risk of explosion.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Silver grey

Odor: Characteristic

Melting point/freezing point: -67 °C

Initial boiling point and boiling range: 145 - 147 °C at 1,013 hPa

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limit: Upper explosion limit: 10.8% (V)
Lower explosion limit: 1.5% (V)

Flash point: 39.5 °C

Auto-ignition temperature [°C]: 333 °C at 1,013 hPa

Decomposition temperature: No data available

pH: 4 at 200 g/l at 20 °C

Viscosity: No data available

Solubility in water (20°C): 209.3 g/l

Partition coefficient: n-octanol/water: log Pow: 0.56 – Bioaccumulation is not expected., (Lit.)

Vapour pressure [20°C]: 76 mm Hg

Vapor Pressure: 3.1 hPA at 20 °C
22 hPA at 50 °C

Density: 1.0 - 1.4 g/cm³ at 20 °C

Relative Density: No data available

Relative Vapor Density: 4.57

Particle Characteristics: No data available

Evaporation Rate: No data available

Explosive Properties: Not classified as explosive.

Oxidizing Properties: None

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover****Section 10. STABILITY AND REACTIVITY**

10.1 Reactivity

Vapor/air-mixtures are explosive at intense warming.

10.2 Chemical Stability

This product is chemically stable under standard ambient conditions (room temperature).

Contains the following stabilizer(s): Butyl Hydroxytoluene (0.005%)

10.3 Possibility of hazardous reactions

Risk of ignition or formation of inflammable gases or vapours with: Oxidizing agents

Violent reactions possible with: Peroxides, Alkalines

10.4 Conditions to Avoid

Heat, flames, and sparks. Extreme temperature and direct sunlight.

10.5 Incompatible Materials

No data available

10.6 Hazardous Decomposition Products

In the event of fire: see Section 5

Section 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD50 Oral – Rat – male and female – 6.19 - 10 g/kg

(OECD Test Guideline 401)

Inhalation: No data available

LD50 Dermal – Rat – male and female -> 2,000 mg/kg

(OECD Test Guideline 402)

Skin corrosion/irritation

Skin – Rabbit

Result: No skin irritation – 4 hr

(OECD Test Guideline 404)

Serious eye damage / eye irritation

Eyes – Rabbit

Result: No eye irritation

(OECD Test Guideline 405)

Respiratory or skin sensitization

Maximization Test – Guinea pig

Result: Does not cause skin sensitization.

(OECD Test Guideline 406)

Germ cell mutagenicity

Test Type	Test System	Metabolic Activation	Method	Result
Ames test	Salmonella typhimurium	With and without metabolic activation	OECD Test Guideline 471	Negative
Chromosome	Chinese hamster	With and without	OECD Test	Negative

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover**

aberration test in vitro	ovary cells	metabolic activation	Guideline 473	
Unscheduled DNA synthesis assay	Rat hepatocytes	With and without metabolic activation	OECD Test Guideline 482	Negative
Mitotic recombination assay	Saccharomyces cerevisiae	With and without metabolic activation	N/A	Negative (ECHA)

Carcinogenicity

No data available

Reproductive toxicity

No data available

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

Oral – May cause drowsiness or dizziness. – Central nervous system

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Additional Information**Endocrine disrupting properties**Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Repeated dose toxicity – Rat – male and female – Oral – NOAEL (no observed adverse effect level) -> = 1,000 mg/kg

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12. ECOLOGICAL INFORMATION**Toxicity**

Toxicity to fish	Static test LC50 – Oncorhynchus mykiss (rainbow trout) – 100-180 mg/l – 96 hr (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 – Daphnia magna (Water flea) -> 500 mg/l – 48 hr (Regulation (EC) No. 440/2008, Annex, C.2)
Toxicity to algae	EC50 – Pseudokirchneriella subcapitata (algae) -> 1,000 mg/l – 96 hr (OECD Test Guideline 201)
Toxicity to bacteria	EC10 – activated sludge -> 1,000 mg/l – 30 min (OECD Test Guideline 209)
Toxicity to fish (Chronic toxicity)	Flow-through test NOEC – Oryzias latipes – 47.5 mg/l – 14 days (OECD Test Guideline 204)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	EC50 – Daphnia magna (Water flea) -> 100 mg/l – 21 days (OECD Test Guideline 211)

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover****Persistence and degradability**

Biodegradability Biotic/Aerobic – Exposure time 28 days

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional Information**Endocrine disrupting properties**Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other adverse effects

No data available

Section 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See www.retrologistik.com for processes regarding the return of chemicals and containers or contact us there if you have further questions. Notice Directive on waste 2008/98/EC.

Section 14. TRANSPORT INFORMATION

DOT (49 CFR-GND); IATA (AIR); IMDG (OCN):**Proper Shipping Name:** Esters, n.o.s. (2-methoxypropyl acetate)**Primary Hazard Class/Division:** 3**UN/NA Number:** 3272**Packing Group:** III**Reportable Quantity (RQ) Under CERCLA:****Label:** Flammable**Environmental hazards:** None**Special precautions for user:** Tunnel restriction code: (D/E)

Further information: no data available

MATERIAL SAFETY DATA SHEET, **APRES Silk Cover****Section 15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Authorizations and/or restrictions on use: N/A

National legislation

Seveso III: Directive 2012/18/EU of the P5c FLAMMABLE LIQUIDS

European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Other regulations

Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment

For this product, a chemical safety assessment was not carried out.

Section 16. OTHER INFORMATION

HMIS Rating

Health hazard: 2

Chronic Health Hazard: *

Flammability: 2

Physical Hazard: 0

NFPA Rating

Health hazard: 2

Fire Hazard: 2

Reactivity Hazard: 0

Full text of H-statements referred to under Sections 2 and 3.

H226 Flammable liquid and vapor.

H335 May cause respiratory irritation.

H360 Flammable liquid and vapor.

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.