



SAFETY DATA SHEET

aprés
CREATOR OF GEL-X®

SECTION 1: FORMULA AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product Name: pH Bonder
Product Code(s): RM-BONDERB15

1.2 Recommended Use

Recommended Use: Cosmetic/Personal Care - Consumer Use Only

1.3 Supplier Details

Supplier: Applied Lacquer Industries Inc.
Address: 16839 Gale Ave, City of Industry, CA 91745

1.4 Emergency Contact

Emergency Contact Phone Number: 626-581-1894

1.5 Manufacturer Details

Manufacturer: Weihao Industries Inc.
Address: 15151 Don Julian Rd, City of Industry, CA 91745

SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200).

This SDS is being provided for safe handling and proper use of the formula.

Please note that the hazard classification provided in the SDS reflects workplace hazard communication requirements as defined under applicable regulations (OSHA). Consumer product labeling, however, must comply with the relevant consumer regulations, which may differ in scope and criteria.

2.1 Classification of the Substance or Mixture

OSHA/HCS Status: This material is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification: Specific Target Organ Toxicity - Single Exposure - Category 3
Eye Irritation - Category 2
Flammable Liquids - Category 2

2.2 GHS Label Elements

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Hazard Pictograms:



Signal Word:

Danger

Hazard Statements:

(H225) Highly flammable liquid and vapor.

(H319) Causes serious eye irritation.

(H336) May cause drowsiness or dizziness.

Precautionary Statements

General:

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

(P103) Read label before use.

Prevention:

(P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P233) Keep container tightly closed.

(P240) Ground and bond container and receiving equipment.

(P241) Use explosion-proof equipment.

(P242) Use non-sparking tools.

(P243) Take action to prevent static discharges.

(P261) Avoid breathing dust/fume/gas/mist/vapors/spray.

(P264) Wash hands thoroughly after handling.

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

(P280) Wear protective gloves, protective clothing and eye or face protection.

Response:

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

(P304+P340) IF INHALED: Remove person to fresh air and keep 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 if you feel unwell.

(P337+P313) If eye irritation persists: Get immediate medical attention.

(P370+P378) In case of fire: Use water spray for extinction.

Storage:

(P403+P233) Store in a well-ventilated place. Keep container tightly closed.

(P403+P235) Store in a well-ventilated place. Keep cool.

(P405) Store locked up.

Disposal:

(P501) Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 Other Hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Non-hazardous ingredients:

Chemical Name	CAS Number	EC Number	Percent	Function
Water	7732-18-5	231-791-2	0.1-5%	Solvent

Only hazardous constituents, in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200) associated with the product are listed below.

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Chemical Name	CAS Number	EC Number	Percent	Function	Hazard Classification
Butyl Acetate	123-86-4	204-658-1	30 - 50%	Solvent	Flammable Liquids - Category 3 Specific Target Organ Toxicity - Single Exposure - Category 3
Acetone	67-64-1	200-662-2	10 - 30%	Solvent	Eye Irritation - Category 2 Specific Target Organ Toxicity - Single Exposure - Category 3 Flammable Liquids - Category 2
Ethyl Acetate	141-78-6	205-500-4	10 - 30%	Solvent	Eye Irritation - Category 2 Specific Target Organ Toxicity - Single Exposure - Category 3 Flammable Liquids - Category 2
Isopropyl Alcohol	67-63-0	200-661-7	10 - 30%	Solvent	Eye Irritation - Category 2 Specific Target Organ Toxicity - Single Exposure - Category 3 Flammable Liquids - Category 2

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: Rinse thoroughly with water after contact. Seek medical attention if irritation develops or persists. Clean contaminated clothing before re-use.

Inhalation: If symptoms develop, move victim to fresh air. Seek medical attention if symptoms persist.

Ingestion: If swallowed, do not induce vomiting. Clean mouth with water. Call a physician or a poison control center. Never give anything by mouth to an unconscious person.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Most Important

Symptoms and Effects: Not expected to present a significant hazard under anticipated conditions of use.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed.

Notes to Physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing

Media: Water spray, foam, or dry chemical.

Unsuitable Extinguishing

Media: None known

5.2 Special Hazards Arising from the Substance or Mixture

Special Hazard: During fire, combustion gases hazardous to health may be formed.

5.3 Advice for Firefighters

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering affected area. Evacuate surrounding areas. Put on appropriate personal protective equipment.

Advice for Emergency

Responders: Wear appropriate respirator when ventilation is inadequate.

6.2 Environmental Precautions

Environmental Precautions: Avoid dispersal of spilled material and runoff. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Contain spill with an inert non-combustible absorbent material (e.g., dry sand or earth) and place in a chemical waste container for disposal according to local / national regulations (see section 13).

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Precautions for Safe Handling: Keep container closed when not in use to avoid contamination. Avoid contact with eyes. Wash hands after handling. Do not eat, drink, or smoke while handling. Take precautionary measures against static discharges. Keep away from heat and sources of ignition.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage: Keep containers tightly closed. Store upright, out of direct sunlight, in a cool, dry, well-ventilated area. Keep away from heat and sources of ignition.

Incompatibilities: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Values:

Chemical Name	CAS Number	Basis	Form of Exposure	Permissible Concentration
Acetone	67-64-1	ACGIH TLV	STEL	500 ppm
		ACGIH TLV	TWA	250 ppm
		Cal OSHA PEL	Ceiling	3000 ppm
		Cal OSHA PEL	STEL	750 ppm
		Cal OSHA PEL	TWA	500 ppm
		NIOSH REL	TWA	250 ppm
		OSHA PEL	TWA	1000 ppm
		OSHA PEL	TWA	2400 mg/m3
Butyl Acetate	123-86-4	Cal OSHA PEL	STEL	200 ppm
		Cal OSHA PEL	TWA	150 ppm
		NIOSH REL	STEL	200 ppm
		NIOSH REL	TWA	150 ppm
		OSHA PEL	TWA	150 ppm
		OSHA PEL	TWA	710 mg/m3
Ethyl Acetate	141-78-6	ACGIH TLV	TWA	400 ppm
		Cal OSHA PEL	TWA	400 ppm

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		NIOSH REL	TWA	400 ppm
		OSHA PEL	TWA	1400 mg/m3
		OSHA PEL	TWA	400 ppm
Isopropyl Alcohol Isopropyl Alcohol (continued)	67-63-0	ACGIH TLV	STEL	400 ppm
		ACGIH TLV	TWA	200 ppm
		Cal OSHA PEL	STEL	500 ppm
		Cal OSHA PEL	TWA	400 ppm
		NIOSH REL	STEL	500 ppm
		NIOSH REL	TWA	400 ppm
		OSHA PEL	TWA	400 ppm
		OSHA PEL	TWA	980 mg/m3

8.2 Exposure Controls**Engineering Measures:**

No information available.

PPE for Household Settings:

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use. No special protective equipment required.

PPE for Non-Household Settings:

Use safety glasses or safety goggles if splash hazards exist. Use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact. Always follow good hygienic work practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Chemical and Physical Properties

Physical State:	Liquid
Color:	Not available
Odor:	Acetone-Like
Specific Gravity @ 25°C (77°F):	Not available
pH:	Not available
Viscosity:	Not available
Flash Point:	10°C (50°F)
Melting Point/Freezing Point:	Not available
Initial Boiling Point and Boiling Range:	56°C (132.8°F)
Heat of Combustion:	Not available
Aerosol	Not available
Upper/Lower Flammability or Explosive	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Odor Threshold:	Not available
Solubility in Water:	Not available
Evaporation Rate:	Not available
Flammability (solid, gas):	Not available
Partition Coefficient: n-octanol/water:	Not available
Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available
Oxidizing Properties:	Not available

SECTION 10: STABILITY AND REACTIVITY

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10.1 Reactivity

No specific test data is available.

10.2 Chemical Stability

No specific test data is available.

10.3 Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

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.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Inhalation:	May cause drowsiness or dizziness.
Skin Contact:	May cause skin irritation.
Ingestion:	No information available.
Eye Contact:	May cause serious eye irritation.
Acute Toxicity:	See section 11.2
Skin Corrosion / Irritation:	No information available.
Serious Eye Damage / Eye Irritation:	No information available.
Skin Sensitization:	No information available.
Respiratory Sensitization:	No information available.
Germ Cell Mutagenicity:	See section 11.3
Neurological Effects:	No information available.
Reproductive Toxicity:	No information available.
Developmental Toxicity:	No information available.
Teratogenicity:	No information available.
STOT - Single Exposure:	No information available.
STOT - Repeated Exposure:	No information available.
Target Organ Effects:	No information available.
Aspiration Hazard:	No information available.
Carcinogenicity:	See section 11.3
Bioaccumulative potential:	Ethyl Acetate – BCF: 30

11.2 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

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

***Disclaimer: Finished good supplied by Aprés is not tested on animals.**

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

11.3 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

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

Hazards: Harmful to aquatic life.

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

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	EC50 – 44 mg/l EC50 – 674.7 mg/l	Daphnia Desmodesmus subspicatus	48 hr 72 hr
Isopropyl Alcohol	LC50 – 9640 mg/l EC50 – 5102 mg/l EC50 – 2000 mg/l EC50 – 1000 mg/l	Pimephales promelas Daphnia magna Desmodesmus subspicatus Algae	96 hr 24 hr 72 hr 24 hr

12.2 Persistence and Degradability

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

12.3 Bioaccumulative Potential

Bioaccumulative Potential: Ethyl Acetate – BCF: 30

12.4 Mobility in Soil

Soil / Water Partition Coefficient: No information available.

Mobility: No information available.

12.5 Results of PBT and vPvB Assessment

PBT: No information available.

vPvB: No information available.

12.6 Other Adverse Effects

Other Adverse Effects: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Disposal Methods: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

	UN Number	Proper Shipping Name	Transportation Hazard Class	Packaging Group	Environmental Hazard
DOT	UN 1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	II	No
IMDG	UN 1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	II	No
IATA	UN 1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	II	No
TDG	UN 1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	II	No

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

TSCA 8(a) CDR Exempt/Partial Exemption/United States Inventory TSCA 8(b):

All components of this product are listed, exempted, or excluded from listing on the U.S. Toxic Substances Control Act chemical substance inventory.

SARA 302 Components:

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

SARA 313:

2-Propanol

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard.

CERCLA:

This material does not contain any components with a CERCLA RQ.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61):

Not applicable for consumer use.

U.S. State Regulations (RTK):

Not applicable for consumer use.

Food and Drug Administration (FDA):

The product described in this Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

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:

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

California Proposition 65:

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

SECTION 16: OTHER INFORMATION

Legend:

CAS = Chemical Abstracts Service
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act
DOT = Department of Transportation (USA)
GHS = Globally Harmonized System of Classification
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
NIOSH = National Institute for Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
PBT = Persistent bioaccumulative and Toxic
PEL = Permissible Exposure Limit
PPE = Personal Protective Equipment

REL = Recommended Exposure Limit
SARA = Superfund Amendments and Reauthorization Act
STEL = Short Term Exposure Limit
STOT = Specific Target Organ Toxicity
TDG = Transportation of Dangerous Goods
TLV = Threshold Limit Value
TSCA = Toxic Substances Control Act
TWA = Time-Weighted Average
vPvB = very Persistent and very Bio-accumulative

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Disclaimer:

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this product. The information presented herein is believed to be true and accurate. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this product needs to evaluate the conditions of

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use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. We assume no liability for incidental, consequential, or direct damages of any kind, no matter what the cause.

End of SDS