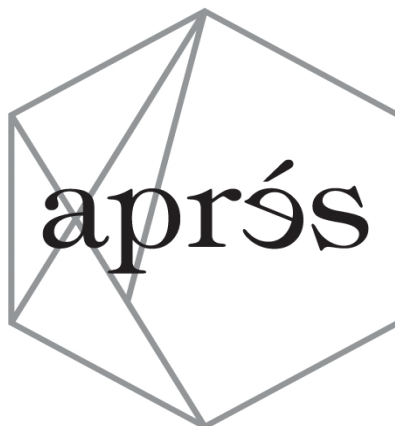


MATERIAL SAFETY DATA SHEET, **APRES pH Bonder****MATERIAL SAFETY DATA SHEET
APRES pH Bonder**

Revision Date:7/31/2017

Section 1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: APRES pH Bonder**Synonyms:** Not Available**Product Use:** Cosmetics/ For professional use only.**Company identification:** Applied Lacquer Industries Inc.**Address:** 17637 Rowland St. Unit E City of Industry, CA 91748**Emergency Phone Number:** 626-581-1894**Section 2. HAZARDS IDENTIFICATION**

**Risk Phrases :** Irritating to eyes.

May cause sensitization by skin contact.

Dangerous product : Highly flammable. In use, may form flammable/explosive vapour-air mixture.**Primary route of exposure :** Vapours inhalation. Skin and eyes contact.**Symptoms relating to use****- Inhalation :** Symptoms of overexposure to vapours include : Dizziness. Drowsiness.**- Skin contact :** Prolonged or repeated contact may cause skin to become dry or cracked. Redness, pain.

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- **Eye contact** : Redness, pain. Blurred vision. Tears.

- **Ingestion** : Swallowing of this product presents some health hazard.

Must not come into contact with food or be consumed.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Contents	CAS No	EC No	Annex No	Classification
ETHYL ACETATE	> 80 < 90 %	141-78-6	205-500-4	607-022-00-5	F; R11 R66 R67 Xi; R36
Isopropylidenediphenyl Bisoxhydroxypropyl Methacrylate	> 5 < 10 %	1565-94-2	216-367-7	N/A	Xi; R41
HEMA	> 5 < 10 %	868-77-9	212-782-2	607-124-00-X	Xi; R36/38 R43

Section 4. FIRST AID MEASURES

First aid measures

- **Inhalation** : Assure fresh air breathing. If you feel unwell, seek medical advice.

- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.

- **Ingestion** : Rinse mouth. Seek medical advice (show the label where possible).

Section 5. FIRE FIGHTING MEASURES

Flammable class : This product is flammable.

Specific hazards : May form flammable/explosive vapour-air mixture.

Hazardous combustion products : Carbon monoxide. Carbon dioxide.

Prevention : No naked lights. No smoking.

Extinguishing media : Powder. Sand. Carbon dioxide. Water spray.

Surrounding fires : Use water spray or fog for cooling exposed containers.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures : Exercise caution when fighting any chemical fire.

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Section 6. ACCIDENTAL RELEASE (SPILL MEASURES)

Personal precautions : Equip cleanup crew with proper protection. Respiratory protection equipment maybe necessary.

General precautions : Remove ignition sources.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

Section 7. HANDLING AND STORAGE

General : No naked lights. No smoking. Store and handle as though always a serious potential fire/explosion and health hazard exists.

Precautions in handling and storage : In use, may form flammable vapour-air mixture.

Technical protective measures : Proper grounding procedures to avoid static electricity should be followed.

Storage : Keep in fireproof place. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Keep at temperature not exceeding 22 °C.

Storage - away from : Heat sources. Direct sunlight.

Handling : Handle empty containers with care because residual vapours are flammable. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection

- **Respiratory protection** : Where excessive vapour may result, wear approved mask.
- **Hand protection** : Gloves.
- **Skin protection** : No special protection required where adequate ventilation is maintained.
- **Eye protection** : Goggles.
- **Ingestion** : When using, do not eat, drink or smoke.

Industrial hygiene : Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapour or dust mixtures.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Physical state at 20 °C : Liquid.

Colour : Clear.

Odour : Ethereal.

Boiling point [°C] : 76

Density : 0.94

Vapour pressure [20°C] : 76 mm Hg

Viscosity : 15 cps

Solubility in water : Insoluble.

MATERIAL SAFETY DATA SHEET, APRES pH Bonder**Flash point [°C]** : -3.3**Auto-ignition temperature [°C]** : 399 - 482**Explosion limits - lower [%]** : 2.2**Explosion limits - upper [%]** : 11**Section 10. STABILITY AND REACTIVITY**

Stability and reactivity : Stable under normal conditions.**Hazardous decomposition products** : May release flammable gases.**Hazardous reactions** : None under normal conditions.**Hazardous properties** : May form flammable/explosive vapour-air mixture.**Conditions to avoid** : Open flame. Overheating. Direct sunlight.**Section 11. TOXICOLOGICAL INFORMATION**

Toxicity information**- Inhalation** : Vapours may cause drowsiness and dizziness.**- Dermal** : Prolonged or repeated contact may cause skin to become dry or cracked.**- Ocular** : Irritating to eyes.**Rat oral LD50 [mg/kg]** : No data available.**Sensitization** : May cause sensitization by skin contact.**Section 12. ECOLOGICAL INFORMATION**

Do not discharge into drains or the environment, dispose to an authorized collection point.

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.**Section 14. TRANSPORT INFORMATION**

Proper shipping name : UN1993 FLAMMABLE LIQUID, N.O.S. (Ethyl acetate), 3, II**UN No.** : 1993**H.I. nr** : 33**ADR/RID** : Class : 3

Special provision : 640D

Group : II

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Symbol(s) : Xi : Irritant F : Highly flammable

R Phrase(s) : R11 : Highly flammable.

R41 : Risk of serious damage to eyes.

R43 : May cause sensitization by skin contact.

R66 : Repeated exposure may cause skin dryness or cracking.

R67 : Vapours may cause drowsiness and dizziness.

S Phrase(s) : 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.

S33 : Take precautionary measures against static discharges.

S37/39 : Wear suitable gloves and eye/face protection.

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