ARTICLE INFORMATION SHEET

YUPO® Synthetic Paper

When used for its intended purposes, the YUPO® Synthetic Paper product lines identified in Section 1 are not classified as hazardous chemicals under the OSHA Hazard Communication Standard. This Article Information Sheet is provided as guidance for proper handling and use.

SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

Product Grade Name(s):
AIFG, AIFR, AISE, AISX, AIUE, AIUX, BLR, FEB, FEBG, FGR, FGS, FLL, FPG, FPP, FPS, FPU, FPX, FRBW, GUR, HEH, HJG, HSX, ICF, IDS, IHC, IHR, ISE, ITE, ITX, IZE, IZX, KPK, LAR, LBR, LGR, LIC, LIX, LJR, LOX, LSR, PKT, PRT, QJJ, RWS, RWU, SAR, SDI, SGM, SGP, SLR, SMS, SMX, TPRA, TPRB, VAZO, WFEBG, WYPI, YPBL, YPBT, YPI

Manufacturer/Importer: Yupo Corporation America
Address: 800 Yupo Court
Chesapeake, Virginia 23320

Contact Information:
Phone - (757) 312-9876
Mon – Fri, 8AM to 5PM, EST
Contact - Quality Assurance
Email - qa-admin@yupo.com

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number
Polypropylene	9003-07-0
Polyethylene	9002-88-4
Calcium Carbonate	471-34-1
Additives, etc.	Proprietary (all below the threshold levels for listing)

SECTION 3 HAZARDS IDENTIFICATION

When used for its intended purpose, this material is not classified as a hazardous chemical under the OSHA Hazard Communication Standard, 29 CFR 1910.1200

Potential Health Effects: No adverse effects due to ingestion, inhalation, or skin contact are expected. As with any activity, any generated particulates may injure eye through mechanical action.
Environmental Effects: May not be readily biodegradable.
Emergency Overview: Combustible in a fire and when over-heated (temperatures greater than approximately 320 ˚C).

SECTION 4 FIRST AID MEASURES

Eye Contact: Immediately flush eyes thoroughly with plenty of water. If irritation occurs, get medical attention.
Skin Contact: Wash away any particulate with water.
Inhalation: In the event of toxic fumes or vapors caused by overheating or combustion, remove to fresh air. If breathing is stopped, administer artificial respiration, and get medical attention.
Ingestion: No adverse effects due to ingestion are expected.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Class A Combustible – Use Dry Chemical, CO_2, Water Fog, or Foam to extinguish fire, provided the media selected is compatible with the other materials in the area.

Specific Hazards: In the event of a fire, the product will burn, and irritating and toxic gases (CO, CO_2, and hydrocarbons, etc.) may be generated by thermal decomposition or combustion; evacuate the area.

Specific Methods: Keep away from sources of ignition. Use appropriate extinguishing media. Firefighter should take upwind position.

Protection of Firefighters: Wear full firefighting protective clothing and a positive pressure self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Vacuum or sweep up, place in a bag, and hold for waste disposal. Avoid generating airborne dust. Do not discharge into drains, sewers, or surface waters.

SECTION 7 HANDLING AND STORAGE

Storage:

Warehouse storage should not exceed 122˚F (50˚C)

Store in original package or rewrap in moisture proof wrap.

Keep away from ignition sources such as heat and flame.

Keep away from direct sunlight, moisture, water, dust.

Keep away from direct exposure to exhaust fumes.

Handling:

Use local ventilation as needed if used in dusty conditions or heating processes.

Avoid ignition sources such as heat and flame.

Avoid contact with eyes.

Avoid breathing dust.

Avoid rough handling or dropping.

Keep product wrapped until ready to use.

Allow at least 24 hours for product to acclimate to process room conditions during cold weather months.

Avoid contamination with dust, bugs, and foreign material.

Do not use compressed air to move or clean up any dust build-up.

Material can accumulate static charges, which may cause electric spark (ignition source).

See Section 8 for additional personal protection advice when handling this product.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Measures:

- Ventilation Provide ventilation when necessary to maintain airborne contaminant concentrations at a level that is adequate to protect worker health.

Personal Protection:

- Respiratory Protection For most conditions, no respiratory protection should be needed. If used in dusty atmosphere, use dust respirator. Use an air-purifying respirator approved by NIOSH for conditions of use when vapors and/or gases from over-heated material or combustion may cause throat and nose irritation.

- Hand Protection Wear gloves where contact may occur with moving edge of synthetic paper.

- Eye Protection Wear eye protection appropriate for the conditions and task being performed. If contact is likely, safety glasses with side shields are recommended. All eye protection should comply with ANSI/ISEA Z87.1-2010, American National Standard for Occupational and Educational Personal Eye and Face Protection Devices.

- Skin Protection Wear clothing covering arm where contact may occur with moving edge of synthetic paper.

- Work Hygiene Practice Observe good hygiene practices, such as washing hands after use and before eating, drinking, or smoking. Avoid generating airborne dust.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to Opaque film
Specific Gravity:	ca. 0.72 – 1.00
Melting Point:	ca. 270 - 329 °F (132 - 165 °C)
Solubility in Water:	Insoluble

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Flammability:	Combustible material.
Condition to Avoid:	Ignition sources such as flame or high temperatures. Temperatures over 610 °F may cause product (resin) degradation.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	CO, CO_2, acetaldehyde, hydrocarbons, and oxidized hydrocarbons may be generated by thermal decomposition.

SECTION 11 TOXICOLOGICAL INFORMATION

Signs and Symptoms Of Exposure:	This material is a polymer-based film and is not hazardous in normal storage, handling, and use.
Acute Oral Toxicity:	Calcium Carbonate: LD50: 6,450mg/kg (rat)
Acute Dermal Toxicity:	No information available.
Acute Inhalation Toxicity:	No information available.
Acute Dermal Irritation:	No information available.
Acute Eyes Irritation:	Particulates may irritate eye through mechanical action.
Mutagenicity:	Negative.

SECTION 12 ECOLOGICAL INFORMATION

May not be readily biodegradable. Not expected to be harmful to aquatic organisms.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Recycling in a polyolefin recycle stream is encouraged where possible. Incineration or landfill in accordance with all local and applicable regulations.

SECTION 14 TRANSPORT INFORMATION

Not regulated for land, sea, or air transport.

SECTION 15 REGULATORY INFORMATION

Follow all applicable regulations for specific use. Regulatory compliance information for our YUPO® grades can be obtained from our website (www.yupousa.com) or by contacting us as detailed in Section 1.

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this material is not classified as a hazardous chemical under the OSHA Hazard Communication Standard, CFR 1910.1200.

When used for their intended purposes, finished Yupo synthetic paper products are considered a manufactured item/article under current applicable new chemical notification laws and therefore are not required to appear on the “existing” chemical inventories established under these laws. Please contact Yupo Corporation America for additional details.

EPCRA: The YUPO® grades identified in Section 1 do NOT contain any extremely hazardous substances.

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

SARA (313) TOXIC RELEASE INVENTORY: The YUPO® grades identified in Section 1 do NOT contain any chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

SECTION 16 OTHER INFORMATION

The information contained in this Article Information Sheet is based on data considered accurate. No warranty, however, is expressed or implied regarding the accuracy of these data or the results to be obtained from use thereof.

Yupo Corporation and any subsidiaries assume no responsibility for personal injury or property damage to vendees, users or third parties caused by these products. Such vendees or users assume all risks associated with the use of these products.