



SAFETY DATA SHEET

Doc. No. : 21-001

Rev. No. : A

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SECTION 1: Product name

Product name : SIGMA Medical Paper 60gsm & 70gsm

SECTION 2: Composition

Hazardous Ingredients : None.
Other Ingredients : Cellulose Fibre.

SECTION 3: Hazards Identification

Health Risks : None.
Environment Risks : None.

SECTION 4: First Aid Measures

Inhalation : Not relevant.
Skin Contact : Not relevant.
Eye Contact : Not relevant.
Ingestion : Seek medical attention.
General : Product is Non-Hazardous, first aid treatment not anticipated.

SECTION 5: Fire Fighting Measures

General : Product is combustible.
Extinguishing Media : Water.
Special Protective Equipment : None.

SECTION 6: Accidental Release Measures

Not relevant, product is solid.

SECTION 7: Handling and Storage

Storage conditions : Keep away from sources of ignition, well prepared with equipment for fire fighting and leakage treatment .
Suggestion : 23±5° C 40~70% humidity
Product may telescope. Use caution when handling.
Avoid skin contact with paper edges .

SECTION 8: Exposure Controls/Personal Protection

Skin : Not applicable.
Eye Contact : Not relevant.
Inhalation : If process liberated dust, wear a dust mask.



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SECTION 9: Physical and Chemical Properties

Appearance :	White, Unbleached or Colored.
Solids Content :	>90%
PH Value :	4.5~8
Ignition temperature :	230° C
Odour :	None.

SECTION 10: Stability and Reactivity

Combustion Products :	Carbon Dioxide & Water.
Materials to Avoid :	None known.

SECTION 11: Toxicological Information

From knowledge of the ingredients used in the manufacturing process, no toxic properties are anticipated.

SECTION 12: Ecological Information

The product is inherently biodegradable.
The product is not anticipated to have any aquatic toxicity effects.

SECTION 13: Disposal Considerations

The paper is suitable for recycling / repulping. Wet strength grades require chemical treatment before recycling / repulping.
The paper is biodegradable and suitable for burning for energy recovery.

SECTION 14: Transport Information

Not applicable.

SECTION 15: Regulatory Information

Not applicable.

SECTION 16: Other Information

The above data represent our current product's information. We reserve the right to make changes without notice.



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SECTION 1 : PRODUCT IDENTIFICATION

PRODUCT NAME : 52um PET/PP Film

SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Chemical Characterization : Polyethylene terephthalate (PET)

Molecular Formula : $-(C_{10}H_8O_4)_n-$

2.2 Chemical Characterization : Polypropylene (PP)

Molecular Formula : $-(C_3H_6)_n-$

SECTION 3 : HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : Odorless. Toxic fumes may be released in fire situations.

EYE : Solid or dust may cause irritation or corneal injury due to mechanical action.

SKIN : Essentially nonirritating to skin. Mechanical injury only. Skin absorption unlikely due to physical properties.

INGESTION : No hazards from swallowing small amounts.

INHALATION : Vapors are unlikely due to physical properties. If this material is heated, fume may be unpleasant and produce nausea and irritation of the upper respiratory tract.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS :

Based on available data, repeated exposures are not anticipated to cause significant adverse effects. Additives and/or pigments are encapsulated in the product and not expected to be released under normal processing conditions or foreseeable emergency.

SECTION 4 : FIRST AID

EYE : Flush eyes with plenty of water; mechanical effects only.

SKIN :

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INGESTION :

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION :

Move the exposed person to fresh air. Get medical attention if breathing difficulties continue.

NOTE TO PHYSICIAN :

No specific antidote. Supportive care. Treatment base on judgment of the physician in response to reactions of the patient.

SECTION 5 : FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES :

FLASH POINT : 340°C

METHOD USED : Not applicable.

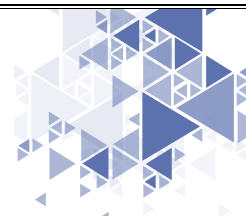
FLAMMABILITY LIMITS :

LFL : Not applicable.

UFL : Not applicable.

OTHER FLAMMABILITY INFORMATION : Dense smoke is produced when product burns.

EXTINGUISHING MEDIA : Water, carbon dioxide, dry chemical, CO2



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SECTION 6 : ACCIDENTAL RELEASE MEASURES

PROTECT PEOPLE : Clear non-emergency personnel from area.

PROTECT THE ENVIRONMENT : Avoid contamination of drinking water, natural water, ground

CLEANUP : Sweep up.

SECTION 7 : HANDLING AND STORAGE

Rolls of film may telescope. Use caution when handling.

Avoid skin contact with sharp film edges.

Plastic packaging material may pick up static charge.

Store away from heat and sources of ignition. Avoid direct sunlight.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION : None.

SKIN PROTECTION : No precautions should be needed.

RESPIRATORY PROTECTION : No respiratory protection should be needed.

EXPOSURE GUIDELINE (S) : None established.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Solid film

ODOUR : Odorless

VAPOR PRESSURE : Not applicable

VAPOR DENSITY : Not applicable

BOILING POINT : Not applicable

IGNITION TEMPERATURE : >349°C

SOLUBILITY IN WATER : Insoluble

SPECIFIC GRAVITY : 0.995~1.015

SECTION 10 : STABILITY AND REACTIVITY

CHEMICAL STABILITY : Thermally stable at typical use temperatures.

CONDITIONS TO AVOID : Heat 、Flames 、A spark 、Strong Oxidizers 、The halogens

HAZARDOUS DECOMPOSITION : Carbon monoxide and unidentified organic compound may be formed upon combustion.

INCOMPATIBILITY WITH OTHER MATERIALS : Not applicable

HAZARDOUS POLYMERIZATION : Not applicable



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SECTION 11 : TOXICOLOGICAL INFORMATION

SKIN : Dermal LD50 has not been determined.

INGESTION : Oral LD50 has not been determined.

SECTION 12 : ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Polyester polymer is non toxic. Polyester chip, however should be kept out of waterways as it could be ingested by wildlife and eventually fill the stomach of an animal.

CHEMICAL FATE INFORMATION : Polyester polymer will not degrade biologically and will remain in place until cleaned up.

SECTION 13 : DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD : follow local regulation.

SECTION 14 : TRANSPORT INFORMATION

Not regulated as a hazardous material or dangerous goods for transportation.

SECTION 15 : REGULATORY INFORMATION

Follow local regulation

SECTION 16 : OTHER INFORMATION

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