



ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED

Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243

Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848

E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

CIN No. : U17119GJ1990PLC014406

Material Safety data sheet

Properties of Metallised/Coated Polyester film/Jari Powder

General value of a standard 25 micro Polyester film/Jari Powder

1) Mechanical Properties

Item	Asf	Value	Unit	Test condition	Test method
Tensile Strength	M	23	KG/MM ²	25C	ASTM-D882A
	D	24	KG/MM ²		
Elongation at Bank	M	120	%		
	D	110	%		
Young's Modulus	M	450	KG/MM ²		
	D	500	KG/MM ²		
Impact strength	-	35	KG/CM ²	25C	ASTM-D1709
Tear Strength	M	14.6	9	Atmosphere	ASTM-D1922
	D	15	9	Atmosphere	ASTM-D1922
Bursting Strength		505	KG/CM	25C	ASTM-D774
Folding Endurance		15X10	Cycles	MIT Method	ASTM-D2176





ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED
 Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243
 Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848
 E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

CIN No. : U17119GJ1990PLC014406

2) Physical Properties

Item	value	Unit	Test Condition	Test Method
Density	1.4	G/m ²	25C	ASTM-D1505
Water Absorption	0.45	%	25C,24hr	Astm-D570
Water Vapor Permeability	23	G/m ² /24hr	40C,90% RH	ASTM-E96
Oxygen Permeability	45	Cc/m ² /24hr/atm	24c,1 atm	ASTM-D1434

Item	value	Unit	Test Condition	Test Method
Melting point	1.4	G/m ²	25C	ASTM-D1505
Heat Shrinkage	MD 1.5	150 C/30 min	150 C/30min	ASTM-D2305
	TD 0.5			
Thermal Expansion Coefficient	3x10	10-50 C	10-50 c	ASTM-D696
Thermal Expansion Coefficient	3x10	-	-	-
Specific Heat	0.32	25 C	25 C	-





ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED
Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243
Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848
E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

CIN No. : U17119GJ1990PLC014406

3) Optical Properties

Item	value	Unit	Test Condition	Test Method
Refractive	1.65	nD	25 C	ASTM - D542
Total Luminous Transmission	5	%	25C	ASTM - D542
Index Haze	3	%		





ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED

Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243

Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848

E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

4) Physical and Chemical Data

CIN No. : U17119GJ1990PLC014406

Melting Point: 255 – 265 c (491 – 477f)

Boiling Point: Not applicable

Colour : Clear, Hazy, White, Yellowish, GOLD, ETC.

Heat of Combustion: 23.5 MJ/Kg

Vapor Density (air =1) : Not applicable

Solubility Gravity: Insoluble

PH: not applicable specific Gravity: 1.40 g/cm

Appearance: Film

Odor: Odorless

Colour: Clear, Hazy, White, Yellowish

5) Fire and Explosion Hazard Data

Flash Point: 346 – 399 c (655 – 750F)

Auto ignition Temp: No data

Flammable Limits (STP): Not applicable

Extinguishing Media: Water Spray, Carbon Dioxide, Dry Chemical, Halogenated Agents.

Special Fire Fighting Protective Equipment: Self-contained breathing apparatus with full piece and protective clothing.

Unusual Fire and Explosion Hazards: Film remaining in contact with flame will Ignite and continue to burn slowly, dropping flaming liquid, which can spread the fire. If the flame source is stationary, the fire will shrink away and self-extinguish.

6) Reactive Data

Stability: Stable under normal conditions.

Incompatibility (Materials to Avoid): Not applicable.

Hazardous Decomposition Products: combustion products: Carbon Dioxide, Carbon

Monoxide, terephthalic Acid, Aldehydes

Hazardous Polymerization: Will not occur

Health Hazard Assessment





ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED
Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243
Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848
E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

CIN No. : U17119GJ1990PLC014406

7) General

The health Hazard assessment is based on an evaluation of the chemical composition together with information from a search of the scientific literature and other commercial sources

8) Ingestion

Not suitable for human consumption

9) Eye Contact

No irritation is likely to develop following contact with human eyes.

10) Skin Contact

No irritation is likely to develop following contact with human skin.

11) Skin Absorption

This product will probably not be absorbed through human skin.

12) First Aid Procedures

No toxic effects are known to be associated with inhalation of dust from this material

12-1-a) skin

Wash material off the skin with plenty of soap and water. If redness, itching or a burning sensation develops, get medical attention.

12-2-b) Eye

Immediately flush with plenty of water. After initial flushing continue flushing for at least 15 minutes if redness, itching or a burning sensation develops, have eye examined and treated by medical personnel.

12-3-c) Ingestion

Give one or two glasses of water to drink. If gastrointestinal symptoms develop consult medical personnel.

12-4-d) Inhalation

Remove victim to fresh air. If cough or other respiratory Systems develop, consult medical personnel.





ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED
Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243
Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848
E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

CIN No. : U17119GJ1990PLC014406

13) Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Collect for reuse or disposal. Disposal

Method: Observe all federal, state and local laws regarding health and pollution.

14) Control measure

- 1) Respiratory Protection (Specify Type): None should be needed.
- 2) Ventilation:

Local Exhaust: Not applicable

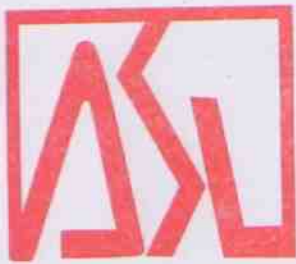
Other: Not applicable

- 3) Protective Clothing: None should be needed
- 4) Eye Protection: Not applicable
- 5) Other Protective Equipment: one should be needed

15) TRANSPORT INFORMATION:

ADR	NOT RESTRICTED
RID	NOT RESTRICTED
ADNR	NOT RESTRICTED
IMDG	NOT RESTRICTED
IATA	NOT RESTRICTED





ADVANCE SYNTEX LIMITED

Formerly known as ADVANCE SYNTEX PRIVATE LIMITED

Reg. off. : 233/2 & 238/2, POR G.I.D.C. RAMANGAMDI, VADODARA - 391243

Tel No. : +91-265-2831 400 / 6534 463, Fax No. : +91 265 2831 848

E-mail : midas1002003@hotmail.com , Website : www.midasglitter.com

CIN No. : U17119GJ1990PLC014406

16) CAS NUMBER: Not Applicable

Note: This MSDS is true but only for information, which doesn't mean all coverage related to the product safety matters Advance Syntex Products doesn't take the responsibility of all damages due to these products.

