

Safety Data Sheet

(Globally Harmonized System SDS)

Of Polyethylene Terapthalate film

Section 1.0	Identification of the substance and the company		
1.1	Product Identifier		
Product name	Polyester film (BOPET), Corona and Plain, Metalised and		
	coated(Including all thickness range)		
Trade Name	Sarafil		
Synonyms	Bi axially oriented Polyethylene Polyester film (BOPET)		
CAS no	Poly Ethylene Terapthalate , CAS No-25038-59-9		
CAS 110	Silicon Dioxide, CAS no- 7631-86-9		
Chemical Formula,	(C10H8O4)n, Poly Ethylene Terapthalate polymer, Min 90%		
Name	(C for 1004)11, Foly Entrylette Teraphilalate polyffler, Will 9076		
Structural Formula			
Structural Formula			
4.0			
1.2	Relevant identified uses of the substance and uses advised		
5	Against		
Relevant identified uses	Flexible packaging, Printing, Lamination Food poolegies, Lidding.		
	Food packaging, Lidding Industrial Floatrical Paccastive		
	Industrial, Electrical, Decorative Puilding protection dusting		
	Building protection, ducting. Compating protecting.		
	Cosmetic packagingLabel, Cards		
	Safety film, Thermal lamination		
Uses advised against	No data available.		
1.3	Details of the Supplier of the Safety Data Sheet		
Manufacturer/Supplier			
manarastaron, oappiioi	Polyplex Corporation Ltd.		
Street address/P.O. Box	B-37, Sector-1, Noida, Distt. Gautam Budh Nagar,		
Country ID/Postcode/	Uttar Pradesh (UP), India, Pin-201301		
Place	Ottal Fladesi (OF), ilidia, Fili-201301		
Telephone number & Fax	Tel: +91 120 2443716-19		
	Fax: +91 120 2443723		
Email ID	mintoohazarika@polyplex.com, website:www.polyplex.com		
National Contact	Mentioned against respective site address below		
Manufacturing sites:	India: Site I		
	Polyplex Corporation Limited		
	Lohia Head Road,		
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	Tel # 05943 250165		
	Fax # 05943 250069		
	E-mail:lbisht@polyplex.com		
	India: Site II		
	Polyplex Corporation Ltd Plot no. 227MI-228MI, Vikrampur, Bannakhera Road		
	1 IOC 11O. 227 IVII-220 IVII, VIRTAITIPUT, DATIITAKTIETA ROAU		



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number	Tel-India:+91 5949281592-94, 96
	Tel-Thailand: + 663 889 1352-4
	Tel-USA: (256) 686-2950
2.0	Tel-Indonesia:
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	protection			
Precautionary Statement prevention	 P261: Avoid breathing dust/fume/gas/mist/vapors/spray P262: Do not get in eyes, on skin, or on clothing 			
Precautionary Statement Storage	• P402+404	P402+404: Store in a dry place. Store in a closed container		
2.3 Other hazards Substance meets the criteria for PBT OR vPvB according to Regulation (EC) 1907/2006, Annex XIII	None			
3.0	Composit	ion/Inform	nation on Ingredien	its
	CAS No	EC No	%Purity(w/w)	Remarks
	25038-59-9	Not available	99.35 to 99.75 % (PET)	Base Polymer
	7631-86-9	231-545-4	Max 0.4 % (SiO2)	Slip agent
	1309-64-4	215-175-0	0.035% (as Antimony)	Catalyst
	7429-90-5	231-072-3	Thin layers of AL, upto 600 Angstroms	Metal barrier layer
4.0	First Aid Measures			
4.1	Description	Description of first aid measures		
General notes	No special mea	asures required	d provided product is used c	orrectly
Eye contact	Exposure to hot molten material. In this case: Rinse immediately with plenty of water. Seek immediate special treatment at hospital, medical center. In case of irritation caused by vapors or fumes wash with water and seek medical advice. Use of safety glasses is good industrial practice.			
Skin Contact	Exposure to hot molten material. In this case: Rinse immediately with plenty of water. Do NOT remove clothing (risk of sticking to skin) or do not try removing adhering material. Seek medical advice immediately. However, use of protective gloves and clothing is good industrial practice			
Inhalation	Fumes and vapors produced by heated or burnt material may be irritating for the respiratory track. If exposed to fumes from overheating or combustion, remove patient from exposure, bring patient into fresh air; get medical advice if the symptoms continue.			
Ingestion	Ingestion is not an expected route of exposure during normal use of the product. If ingested, call a physician immediately. It is unlikely to occur. If necessary treat symptomatically.			
4.2			is and effects, both acut	
			by overheating Polyethylene To	erephthalate may
4.3	cause skin, eye or respiratory tract irritation Indication of any immediate medical attention and special treatment needed			
			ing to symptoms present.	
5.0	Fire Fighting Measures			
5.1	Extinguishing media:			
Suitable extinguishing media:	Water mist onli Halon, AFFF(A		rface exposed to fire, carbo rming foam)	n dioxide, foam,



	·		
Unsuitable extinguishing media	Do not use water jets for extinguishing fire, since they could help to spread the flames.		
5.2	Special hazards arising from the substance or mixture		
Hazardous combustion products	Carbon dioxide, Carbon monoxide, alcohols, acetaldehydes, organic acids.		
5.3	Advice for fire-fighters		
	Stop the fire spreading, call the Fire brigade and evacuate non-essential personal. Protective clothing's, goggles, headgear and self contained breathing equipment should be made available for fireman.		
Other Information's	Equipment should be thoroughly decontaminated after use. Wear self-contained breathing apparatus and full protective equipments		
6.0	Accidental Release Measures		
6.1	Personal precautions, protective equipment and emergency procedures		
6.1.1	For non-emergency personnel		
Protective equipment:	Use personal protective clothing		
6.1.2	For emergency responders		
	Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.		
6.2 Environmental precautions:	No special environmental precautions required		
6.3	Methods and material for containment and cleaning up		
6.3.1 For containment:	Contaminated protective clothing should be segregated in such a manner so that there is no direct personal contact by personnel who handle, dispose, or clean the clothing. Quality assurance to ascertain the completeness of the cleaning procedures should be implemented before the decontaminated protective clothing is returned for reuse by the workers. Contaminated clothing should not be taken home at end of shift, but should remain at employee's place of work for cleaning.		
6.3.2 For cleaning up:	Sweep up and recover, or mix material with moist absorbent and shovel into suitable chemical waste container.		
6.3.3 Other Information:	No data available		
6.4 Reference to other sections:	None		
7.0	Handling and storage		
	Films and film scraps can create a slipping hazard. Collect product for recovery or disposal. Use proper personal protection. Scrap film generated through processing, eg slitting/shredding, should be swept up and disposed of on drums or plastic bags according to local regulations, don't allow entering drains and waterways.		
7.1	Precautions for safe handling		
Protective measures:	 Handle in accordance with good industrial hygiene and safety practices. Keep original wrapping on the film until it is used. In case the roll is partially used, the balance roll should be preserved on the standard packing with sticker. Film rolls should be moved only with equipment designed for the purpose as film rolls and pallets are heavy. Film edges are sharp and may cause 		
	cuts/wounds, handle with most care.		



Stop the fire spreading, call the Fire brigade immediately, evacuate non-essential personal. Protective othining's, goggles and self contained breathing equipment should be made available for fireman. **Keep away from ignition sources.** **Observe the general rules of industrial fire protection.** **Conditions for safe storage, including any incompatibilities.** **Technical measures and storage conditions:* **Store in cool, dry place at an ambient temperature (preferably 25°C with Relative Humidity of 50%) in a closed storage area.* **Jes both the films by FIFO system & it is advised to rotate the film stock. Sheft life: **12 months for Sarafil plain and corona treated film and 6 months for coated and metallized film from the date of manufacturing Packages closed to prevent contamination. **Specific end uses (s)* **Respirator Just 1.2* **8.0 **Exposure controls/Personal Protection* **No data available* **Use local ventilation to control fumes from hot processing.* **Standard usage condition of material does not generate the dust particles. The following values apply to nuisance dust which may be formed while cutting, grinding, stamping. Total dust: 10 mg/m3 Respiratory dust: 5 mg/m3 **Respiratory dust: 5 mg/m3 **Respira	9.0	Physical and Chemical Properties		
Measures to prevent fire: essential personal. Protective clothing's, goggles and self contained breathing equipment should be made available for fireman.				
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desaures to prevent fire: essential personal. Protective clothing's, goggles and self contained breathing equipment should be made available for fireman. • Keep away from ignition sources. • Observe the general rules of industrial fire protection. 7.2	Respiratory protection:	Respirators are not needed for normal use. Where airborne concentrations are expected to exceed exposure limits, a NIOSH approved respirator should be selected based on the form and concentration of the contaminant in air and in accordance with OSHA Respiratory Protection Standard CFR 1910.134.		
essential personal. Protective clothing's, goggles and self contained breathing equipment should be made available for fireman. *Keep away from ignition sources. *Observe the general rules of industrial fire protection. *Technical measures and storage conditions: *Technical measures and storage conditions: **Packaging materials** *Relative Humidity of 50%) in a closed storage area. **Use both the films by FIFO system & it is advised to rotate the film stock. **Sheff life: **1 2 months for Sarafil plain and corona treated film and **6 months for coated and metallized film from the date of manufacturing **Packaging materials** **Keep packages closed to prevent contamination** **3 Specific end uses (s) **As per section 1.2** **8.0 Exposure controls/Personal Protection** **No data available** **Observe the general rules of industrial fire protection** **No data available** **Use local ventilation to control fumes from hot processing. **Standard usage condition of material does not generate the dust particles. The following values apply to nuisance dust which may be formed while cutting, grinding, stamping. Total dust: 10 mg/m3 Respiratory dust: 5 mg/m3 **8.2.1.** **Occupational Exposure controls** **No data available** **No data available** **Use static controls. Static charges can build up and ignite dust or solvent laden atmospheres. Design precautions into processes that can create dust, such as pneumatic conveying systems, grinding and other physical operations. There is the potential for a dust explosion hazard. **Safety goggles and face protecting gears** **Wear cover all chemical splash goggles when the possibility exists for eye or face contact from airborne material. If there is potential for contact with hot/molten material, wear heat-resistant impervious clothing and footwear.	Other skin protection:	chemical proof gloves and clothes and face shield and goggles for eyes		
essential personal. Protective clothing's, goggles and self contained breathing equipment should be made available for fireman. · Keep away from ignition sources. · Observe the general rules of industrial fire protection. 7.2 Conditions for safe storage, including any incompatibilities Store in cool, dry place at an ambient temperature (preferably 25°C with Relative Humidity of 50%) in a closed storage area. · Use both the films by FIFO system & it is advised to rotate the film stock. Shelf life: • 12 months for Sarafil plain and corona treated film and • 6 months for coated and metallized film from the date of manufacturing Reep packages closed to prevent contamination 7.3 Specific end uses (s) As per section 1.2 8.0 Exposure controls/Personal Protection 8.1 Control parameters No data available • Use local ventilation to control fumes from hot processing. • Standard usage condition of material does not generate the dust particles. The following values apply to nuisance dust which may be formed while cutting, grinding, stamping. Total dust: 10 mg/m3 Respiratory dust: 5 mg/m3 8.2.1. Occupational Exposure controls 8.2.2 Personal protection equipment 8.2.2.2 Personal protection equipment 8.2.2.1 Eye and face protection: 8.2.2.1 Eye and face protection: 8.2.2.2 Wear cover all chemical splash goggles when the possibility exists for eye or face contact from airborne material. If there is potential for contact with	Hand protection:			
Sesential personal. Protective clothing's, goggles and self contained breathing equipment should be made available for fireman.		or face contact from airborne material. If there is potential for contact with		
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A	Measures to prevent fire:	essential personal. Protective clothing's, goggles and self contained breathing equipment should be made available for fireman. • Keep away from ignition sources.		



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		values only and should not be regarded as product
	specification.	00 0 111
	Physical state at 20	°C Solid
9.1		
General Information	Color	Plastic film with glossy clear
	Odor	Odorless
	Appearance	Flexible plastic Film
		No data available.
		No data available.
	Boiling	No data available.
	point/boiling range	
	Melting point	255-265 °C. (Coatings/co polyester layers if
	g po	any can melt at lower temperatures.)
	Density	1.35 - 1.42 gm/cm3
	Flash point	440°C ASTM 09129-68
9.2	Auto ignition point	480° C- ASTM 10929-68
Important health, safety	Combustion	Film burns along with flame. In case of non
and environmental	Combustion	contact of flame, it will shrink and extinguish of
information		its own. The molten material may drip and ignite
		fire. Combustion will evolve irritant vapors. At
		complete combustion the major products
		formed are Carbon Di Oxide, Carbon mono
		Oxide and water.
	Water colubility	Practically insoluble.
	Water solubility: In organic solvents	
	at 20°C	Insoluble in common organic solvents
	Std. enthalpy of for	mation Δ H No data available.
9.3		f 298
Other information	Standard molar ant	ropy S No data available.
10.0	Stability and R	eactivity
10.0 10.1 Reactivity	_	eactivity onditions of use up to 45°C.
10.1 Reactivity 10.2	Stable under normal c	
10.1 Reactivity 10.2 Chemical stability	Stable under normal of Stable under normal of	onditions of use up to 45°C. onditions of use up to 45°C.
10.1 Reactivity 10.2	Stable under normal of Stable under normal of	onditions of use up to 45°C.
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions	Stable under normal of Stable under normal of No hazardous reaction	onditions of use up to 45°C. onditions of use up to 45°C. ns known under normal atmospheric conditions
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4	Stable under normal of Stable under normal of No hazardous reaction Strong acid and be	onditions of use up to 45°C. onditions of use up to 45°C.
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions	Stable under normal control St	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4	Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to term	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong aperature exceeding 235 deg. C
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to ten Acetic anhydride, acet	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong aperature exceeding 235 deg. C cone, aniline, benzene, chloroform, chromic acid,
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be exidizing agent. Do not heat to ten Acetic anhydride, acet cyclohexanone, dimet	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong aperature exceeding 235 deg. C cone, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be exidizing agent. Do not heat to tem Acetic anhydride, acet cyclohexanone, dimet ketone, methylene children	onditions of use up to 45°C. onditions of use up to 45°C. In sknown under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong Inperature exceeding 235 deg. C It ione, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene,
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be exidizing agent. Do not heat to tent Acetic anhydride, acet cyclohexanone, dimet ketone, methylene childright	onditions of use up to 45°C. onditions of use up to 45°C. In sknown under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong Inperature exceeding 235 deg. C In sknown under normal atmospheric conditions In sknown under nor
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to tem Acetic anhydride, acetic cyclohexanone, dimet ketone, methylene childright	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong aperature exceeding 235 deg. C cone, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene, ic soda. ts as well as strong acids and caustic will decompose
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to tem Acetic anhydride, acetic cyclohexanone, dimet ketone, methylene characteristical characteristical control oxidation agen polyester. Water may	onditions of use up to 45°C. onditions of use up to 45°C. In sknown under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong Inperature exceeding 235 deg. C In sknown under normal atmospheric conditions In sknown under nor
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid 10.5 Incompatible materials	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to ten Acetic anhydride, acetic cyclohexanone, dimetic ketone, methylene chitriethanolamine, caust Strong oxidation agen polyester. Water may film layers	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong aperature exceeding 235 deg. C cone, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene, ic soda. Its as well as strong acids and caustic will decompose deteriorate surface properties and lead to sticking of
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid 10.5 Incompatible materials	Stable under normal of Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to tent Acetic anhydride, acet cyclohexanone, dimet ketone, methylene child triethanolamine, caust Strong oxidation agen polyester. Water may film layers Above the decomposition	onditions of use up to 45°C. onditions of use up to 45°C. as known under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong aperature exceeding 235 deg. C cone, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene, ic soda. Its as well as strong acids and caustic will decompose deteriorate surface properties and lead to sticking of
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid 10.5 Incompatible materials	Stable under normal of Stable under normal of No hazardous reaction Strong acid and be oxidizing agent. Do not heat to tem Acetic anhydride, acet cyclohexanone, dimet ketone, methylene chi triethanolamine, caust Strong oxidation agen polyester. Water may film layers Above the decomposit terephthalic acid, oligoned	onditions of use up to 45°C. onditions of use up to 45°C. In sknown under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong sperature exceeding 235 deg. C sone, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene, ic soda. Its as well as strong acids and caustic will decompose deteriorate surface properties and lead to sticking of sition temperature, the major volatiles will be omers of PET, carbon dioxide, carbon monoxide,
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid 10.5 Incompatible materials	Stable under normal of Stable under normal of No hazardous reaction Strong acid and be exidizing agent. Do not heat to tent Acetic anhydride, acet cyclohexanone, dimet ketone, methylene chl triethanolamine, caust Strong oxidation agen polyester. Water may film layers Above the decomposit terephthalic acid, oligon acetaldehyde, and low	onditions of use up to 45°C. onditions of use up to 45°C. In sknown under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong operature exceeding 235 deg. C one, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene, ic soda. Its as well as strong acids and caustic will decompose deteriorate surface properties and lead to sticking of cion temperature, the major volatiles will be omers of PET, carbon dioxide, carbon monoxide, or molecular weight alcohols/ aldehydes
10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous reactions 10.4 Conditions to avoid 10.5 Incompatible materials	Stable under normal of Stable under normal of No hazardous reaction Strong acid and be exidizing agent. Do not heat to tent Acetic anhydride, acet cyclohexanone, dimet ketone, methylene chl triethanolamine, caust Strong oxidation agen polyester. Water may film layers Above the decomposit terephthalic acid, oligon acetaldehyde, and low	onditions of use up to 45°C. onditions of use up to 45°C. In sknown under normal atmospheric conditions ase may hydrolyze the film. Avoid contact with strong sperature exceeding 235 deg. C sone, aniline, benzene, chloroform, chromic acid, hylformamide, dioxan, ethyl acetate, methyl ethyl oride, phenol, tetrahydrofuran, trichloroethylene, ic soda. Its as well as strong acids and caustic will decompose deteriorate surface properties and lead to sticking of sition temperature, the major volatiles will be omers of PET, carbon dioxide, carbon monoxide,



11.0	Toxicologic	cal Information	
11.1	Information on toxicological effects		
Acute effects (acute toxicity, irritation and corrosivity) Acute Toxicity	Skin corrosion/irritation: No significant irritation expected in normal conditions of use. The contact with hot molten material may cause severe burns. Serious eye damage/irritation: No data available. Respiratory or skin sensitization: No data available. Germ cell mutagenicity: No data available. Summary of evaluation of the CMR properties: IARC: No components of this product present at levels greater than or equal to 0.1% is identified as Probable, possible or confirmed human carcinogen by IARC. Mutagenic Effects: No data available. Reprotoxic Effects: No data available.		
Other Toxic Effects on Humans:	Inhalation: Eyes: Ingestion Chronic toxici NIOSH Immedi (IDLH): No data availab Specific target No data availab Specific target No data availab	No data available. Eye contact is not expected during normal use of product. If heated to higher temperature (>260°C) the product may form vapors or fumes which may cause irritation to eyes. Sharp cut pieces may cause eye damage. Material is biologically inert and has no risk of ingestion in normal use, in case injected please seek medical advice. ty The product is harmless and biologically inert. ately Dangerous To Life or Health Concentration le. organ toxicity (single exposure) le. organ toxicity (repeated exposure)	
11.2 Acute Toxicity:	Method: No data available		
12.0	Ecological	Information	
12.1	Eco toxicity		
12.1.1 Acute aquatic toxicity (With M factor) 12.1.2. Chronic aquatic toxicity: freshwater 12.1.3. Chronic aquatic toxicity: marine waters 12.1.4. Sediment toxicity 12.1.5. Soil toxicity 12.1.6. Toxicity to microorganisms in STP	No data available		
12.2 Persistence and degradability	Non biodegradab	ole, non compostable	
12.3 Bioaccumulative potential	No data available		



12.4 Mobility in soil	No data available		
12.5 Results of PBT and	No data available		
vPvB assessment			
12.6 Other adverse effects	No data available		
12.7 Additional	PURE CULTURE: After a 3-week incubation which tested for degradation		
information	by fungi, polyethylene terephthalate showed no growth, therefore no		
	susceptibility to attack by fungi (1).		
13.0	Disposal considerations		
13.1	Waste treatment methods		
13.1.1	Waste codes / waste designations according to Low:		
Product / Packaging	Treatment, storage, transportation, and disposal must be in accordance		
disposal:	with applicable Federal, State/Provincial, and Local regulations.		
	It is recommended that Polyester films to be recycled. (Recycling has		
13.1.2 Waste treatment-	commercial value too). Dispose in accordance with local regulations,		
relevant information:	Landfill is preferred. Forced draft incineration is an alternate or recycling		
	Recycle any unused portion of the material for its approved use or return it to the manufacturer or supplier.		
13.1.3 Sewage disposal-	• •		
relevant information:	No data available.		
13.1.4 Other disposal	Pick up film to avoid a slipping hazard		
recommendations			
14.0	Transport information		
14.1. UN number	Not regulated		
14.2. UN proper shipping	Not regulated		
name			
14.3. Transport hazard class (as)	Not regulated		
14.4. Packing group	Not regulated		
14.5. Environmental	Not regulated		
hazards			
15.0	Regulatory Information		
15.1			
Safety, health and	EU regulations : This safety datasheet complies with the requirements of		
environmental	Regulation (EC) No. 1907/2006 and CLP regulation.		
regulations / legislation specific for the substance	Not a dangerous substance according to GHS as the substance is not intended to be released from article.		
or mixture	interfued to be released from article.		
15.2. Chemical Safety	Chemical safety assessment: A chemical safety assessment has been		
Assessment	carried out for the substance or the mixture by the supplier.(LR)- No		
16.0	Other Information		
	Use data given in this Safety Data Sheet and make an inventory list of all chemicals		
	used in the factory.		
	Create a Register for Workplace Chemicals.		
	Set priorities concerning the safety in the organization. Create emergency plans for the assessed hazards.		
Toohnigal Advise	Organize occupational health care and regular surveys as necessary.		
Technical Advice	Organize contacts with authorities/laboratories to create a monitoring system for		
	chemical hazards, and to reliably measure and/or estimate occupational exposures		
	to chemicals when needed.		
	Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards.		
	Involve workers in safety organizations, such as the system of Safety		



	Representatives and Committees.
	Do regular inspection using checklists made for the particular chemicals and
	chemical processes in use.
	Mark and label all chemicals.
	Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals; Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous
	chemicals and processes with respect.
	Plan, develop and choose the safe working procedures.
	Reduce the number of people coming into contact with dangerous chemicals.
	Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals.
	Train workers to know and understand the emergency procedures.
	Equip and train workers to use personal protective equipment properly after
	everything possible has been done to eliminate hazards by means of other methods
	PubMed Toxicology
	ECHA
Key literature references	OECD
and sources for data	HSDB® - Hazardous Substances Data Bank
	Registry of Toxic Effects of Chemical Substances (RTECS)
01'('('	registry of Toxic Effects of Offerfical Substances (111 EOS)
Classification and procedure used to derive the classification for	Not a dangerous substance according to GHS as the substance is not intended to be released from article
mixtures according to Regulation (EC) 1272/2008 [CLP]:	
	Polyplex Corporation Ltd.
Fourth on information	B-37, Tower-B, Sector-1, Noida-201301, Distt. Gautam Budh Nagar, UP,
Further information:	India. Tel: +91 120 2443716-19
	E-mail:mintoohazarika@polyplex.com
The information is found in a different in a	

The information's furnished herein are intended to provide a summary of our knowledge and guidance regarding use of the designated product. Its contents are offered in good faith as accurate and complete as of the date specified below, but without guarantee. It relates only to the product and does not relate to its use in combination with any other product or material or in any process. Local laws and regulations and conditions of use and suitability of the product for particular uses are beyond the control of Polyplex; all risks of use, storage, handling, transportation and disposal of the product are therefore assumed by the user and we expressly disclaims all warranties of every kind and nature, in respect to the use or suitability of the Product. Polyplex shall not be responsible for any damage or injury resulting from abnormal use of the product, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the product. Polyplex corporation Ltd, extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information to the purchaser's intended purpose or for consequences of its use.
