

APPENDIX 3

Polymers and Hazard Rankings of their Primary Chemicals, Intermediate Chemicals, and Monomers

Polymer	Primary Chemicals (CAS #)	Intermediates (CAS #)	Monomer(s) (CAS #)
Acrylonitrile Butadiene Styrene (ABS)	Propylene* (115-07-1)	Ammonia (7664-41-7)	Acrylonitrile (107-13-1)
	Ethylene(74-85-1)	Ethylbenzene (100-41-4)	1,3-Butadiene (106-99-0)
	Benzene(71-43-2)		Styrene (100-42-5)
Ethylene Vinyl Acetate (EVA)	Ethylene (74-85-1)	Acetic Acid* (64-19-7)	Ethylene (74-85-1)
	Methanol (67-56-1)		Vinyl Acetate (108-05-4)
Polycarbonate (PC)	Benzene (71-43-2)	Cumene (98-82-8)	Bisphenol A (80-05-7)
		Sulfuric Acid (7664-93-9)	
	Propylene (115-07-1)	Phosgene (75-44-5)	p-tert-butylphenol (98-54-4)
	Chlorine (7782-50-5)	Acetone (67-64-1) Phenol (108-95-2)	
Polyethylene (PE)	Ethylene(74-85-1)	Ethylene(74-85-1)	Ethylene(74-85-1)
Polyethylene Terephthalate (PET)—Terephthalic Acid (TPA) Route	para-Xylene (106-42-3)	Ethylene Glycol* (107-21-1)	Bis-(2-hydroxyethyl)-terephthalate* (BHET) (959-26-2)
	Methanol (67-56-1)	Acetic Acid* (64-19-7) Terephthalic Acid* (TPA) (100-21-0)	
Polylactic Acid (PLA)	Glucose* (50-99-7)	Lactic Acid* (50-21-5)	Lactide* (L-lactide - 4511-42-6; DL-lactide - 615-95-2)
Polypropylene (PP)	Propylene* (115-07-1)	Propylene* (115-07-1)	Propylene* (115-07-1)
Polystyrene (PS)	Ethylene (74-85-1)	Ethylbenzene (100-41-4)	Styrene (100-42-5)
	Benzene(71-43-2)		
Polyvinyl Chloride (PVC)	Ethylene (74-85-1)	Ethylene Dichloride (EDC) (107-06-2)	Vinyl Chloride Monomer (75-01-4)
	Chlorine (7782-50-5)		
Styrene Butadiene Rubber (SBR)	Ethylene (74-85-1)	Ethylbenzene (100-41-4)	1,3-Butadiene (106-99-0)
	Benzene (71-43-2)		Styrene (100-42-5)

GreenScreen® Benchmark List Translator 1 or GreenScreen® Benchmark Possible 1

GreenScreen® Benchmark 2; or no data that defines the chemical as a GreenScreen® Benchmark List Translator 1 or GreenScreen® Benchmark Possible 1.

Verified GreenScreen® Benchmark 3

Actual GreenScreen® assessment with determination of GreenScreen® Benchmark Score of U - unspecified.

* = verified GreenScreen® assessment