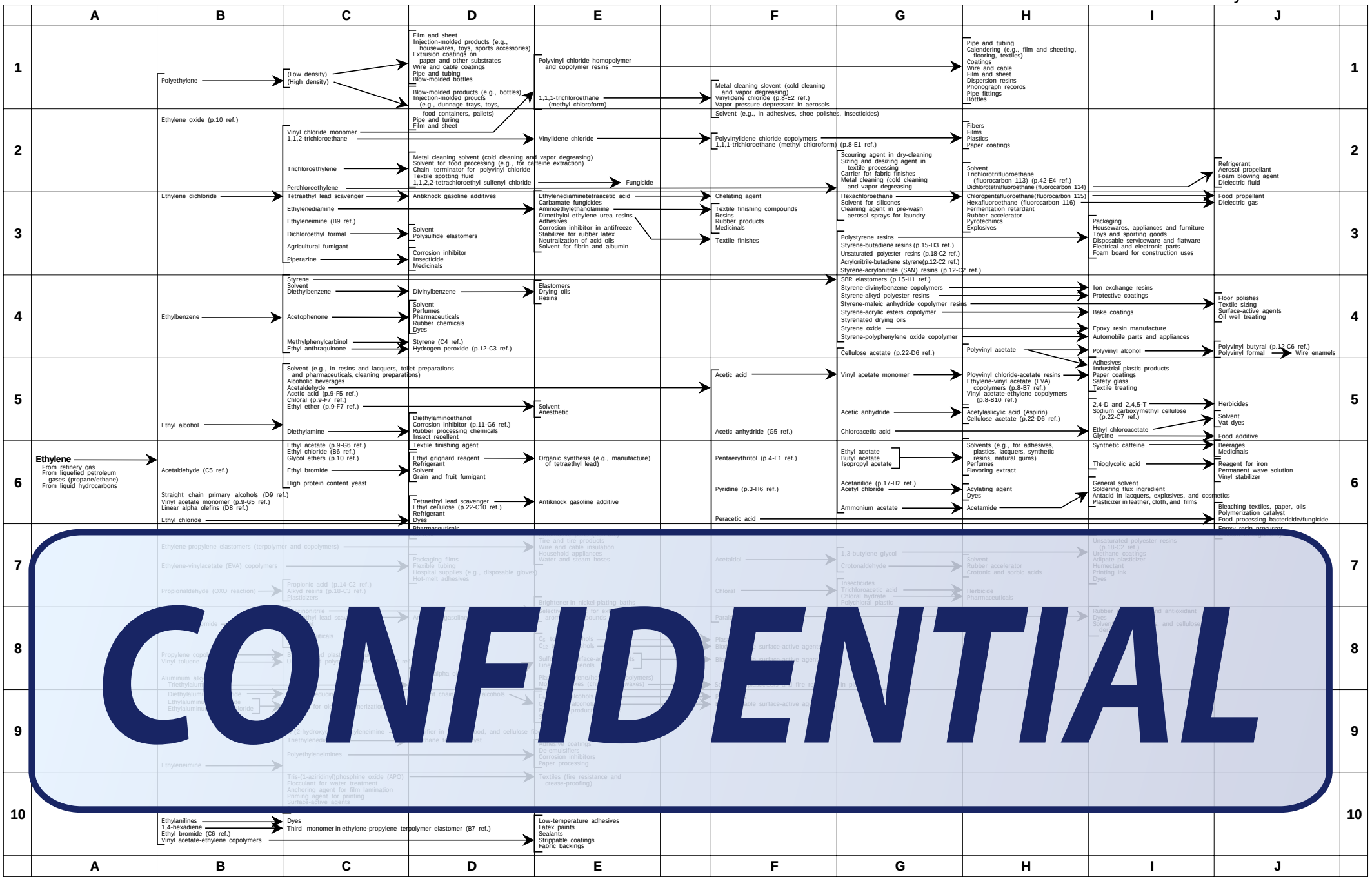
A
B
C
D
E
F
G
H
I
J
1
Polyethylene
(Low density)
(High density)
Film and sheet
Injection-molded products (e.g., housewares, toys, sports accessories)
Extrusion coatings on paper and other substrates
Wire and cable coatings
Pipe and tubing
Blow-molded bottles
Blow-molded products (e.g., bottles)
Injection-molded products (e.g., dunnage trays, toys, food containers, pallets)
Pipe and turing
Film and sheet
Polyvinyl chloride homopolymer and copolymer resins
1,1,1-trichloroethane (methyl chloroform)
Metal cleaning slovent (cold cleaning and vapor degreasing)
Vinylidene chloride (p.8-E2 ref.)
Vapor pressure depressant in aerosols
Pipe and tubing
Calendering (e.g., film and sheeting, flooring, textiles)
Coatings
Wire and cable
Film and sheet
Dispersion resins
Phonograph records
Pipe fittings
Bottles
2
Ethylene oxide (p.10 ref.)
Vinyl chloride monomer
1,1,2-trichloroethane
Trichloroethylene
Perchloroethylene
Vinylidene chloride
Metal cleaning solvent (cold cleaning and vapor degreasing)
Solvent for food processing (e.g., for caffeine extraction)
Chain terminator for polyvinyl chloride
Textile spotting fluid
1,1,2,2-tetrachloroethyl sulfenyl chloride
Fungicide
Solvent (e.g., in adhesives, shoe polishes, insecticides)
Polyvinylidene chloride copolymers
1,1,1-trichloroethane (methyl chloroform) (p.8-E1 ref.)
Scouring agent in dry-cleaning
Sizing and desizing agent in textile processing
Carrier for fabric finishes
Metal cleaning (cold cleaning and vapor degreasing
Fibers
Films
Plastics
Paper coatings
Solvent
Trichlorotrifluoroethane (fluorocarbon 113) (p.42-E4 ref.)
Dichlorotetrafluoroethane (fluorocarbon 114)
Refrigerant
Aerosol propellant
Foam blowing agent
Dielectric fluid
3
Ethylene dichloride
Tetraethyl lead scavenger
Ethylenediamine
Ethyleneimine (B9 ref.)
Dichloroethyl formal
Agricultural fumigant
Piperazine
Antiknock gasoline additives
Solvent
Polysulfide elastomers
Corrosion inhibitor
Insecticide
Medicinals
Ethylenediaminetetraacetic acid
Carbamate fungicides
Aminoethylethanolamine
Dimethylol ethylene urea resins
Adhesives
Corrosion inhibitor in antifreeze
Stabilizer for rubber latex
Neutralization of acid oils
Solvent for fibrin and albumin
Chelating agent
Textile finishing compounds
Resins
Rubber products
Medicinals
Textile finishes
Hexachloroethane
Solvent for silicones
Cleaning agent in pre-wash aerosol sprays for laundry
Polystyrene resins
Styrene-butadiene resins (p.15-H3 ref.)
Unsaturated polyester resins (p.18-C2 ref.)
Acrylonitrile-butadiene styrene(p.12-C2 ref.)
Styrene-acrylonitrile (SAN) resins (p.12-C2 ref.)
Chloropentafluoroethane(fluorocarbon 115)
Hexafluoroethane (fluorocarbon 116)
Fermentation retardant
Rubber accelerator
Pyrotechincs
Explosives
Packaging
Housewares, appliances and furniture
Toys and sporting goods
Disposable serviceware and flatware
Electrical and electronic parts
Foam board for construction uses
Food propellant
Dielectric gas
4
Ethylbenzene
Styrene
Solvent
Diethylbenzene
Acetophenone
Methylphenylcarbinol
Ethyl anthraquinone
Divinylbenzene
Solvent
Perfumes
Pharmaceuticals
Rubber chemicals
Dyes
Styrene (C4 ref.)
Hydrogen peroxide (p.12-C3 ref.)
Elastomers
Drying oils
Resins
SBR elastomers (p.15-H1 ref.)
Styrene-divinylbenzene copolymers
Styrene-alkyd polyester resins
Styrene-maleic anhydride copolymer resins
Styrene-acrylic esters copolymer
Styrenated drying oils
Styrene oxide
Styrene-polyphenylene oxide copolymer
Cellulose acetate (p.22-D6 ref.)
Polyvinyl acetate
Ion exchange resins
Protective coatings
Bake coatings
Epoxy resin manufacture
Automobile parts and appliances
Polyvinyl alcohol
Floor polishes
Textile sizing
Surface-active agents
Oil well treating
Polyvinyl butyral (p.12-C6 ref.)
Polyvinyl formal
Wire enamels
5
Ethyl alcohol
Solvent (e.g., in resins and lacquers, toilet preparations and pharmaceuticals, cleaning preparations)
Alcoholic beverages
Acetaldehyde
Acetic acid (p.9-F5 ref.)
Chloral (p.9-F7 ref.)
Ethyl ether (p.9-F7 ref.)
Diethylamine
Diethylaminoethanol
Corrosion inhibitor (p.11-G6 ref.)
Rubber processing chemicals
Insect repellent
Solvent
Anesthetic
Acetic acid
Acetic anhydride (G5 ref.)
Vinyl acetate monomer
Acetic anhydride
Chloroacetic acid
Ploy vinyl chloride-acetate resins
Ethylene-vinyl acetate (EVA) copolymers (p.8-B7 ref.)
Vinyl acetate-ethylene copolymers (p.8-B10 ref.)
Acetylaslicylic acid (Aspirin)
Cellulose acetate (p.22-D6 ref.)
Adhesives
Industrial plastic products
Paper coatings
Safety glass
Textile treating
2,4-D and 2,4,5-T
Sodium carboxymethyl cellulose (p.22-C7 ref.)
Ethyl chloroacetate
Glycine
Herbicides
Solvent
Vat dyes
Food additive
6
Ethylene
From refinery gas
From liquefied petroleum gases (propane/ethane)
From liquid hydrocarbons
Acetaldehyde (C5 ref.)
Straight chain primary alcohols (D9 ref.)
Vinyl acetate monomer (p.9-G5 ref.)
Linear alpha olefins (D8 ref.)
Ethyl chloride
Ethyl acetate (p.9-G6 ref.)
Ethyl chloride (B6 ref.)
Glycol ethers (p.10 ref.)
Ethyl bromide
High protein content yeast
Textile finishing agent
Ethyl grignard reagent
Refrigerant
Solvent
Grain and fruit fumigant
Tetraethyl lead scavenger
Ethyl cellulose (p.22-C10 ref.)
Refrigerant
Dyes
Organic synthesis (e.g., manufacture of tetraethyl lead)
Antiknock gasoline additive
Pentaerythritol (p.4-E1 ref.)
Pyridine (p.3-H6 ref.)
Peracetic acid
Ethyl acetate
Butyl acetate
Isopropyl acetate
Acetanilide (p.17-H2 ref.)
Acetyl chloride
Ammonium acetate
Solvents (e.g., for adhesives, plastics, lacquers, synthetic resins, natural gums)
Perfumes
Flavoring extract
Acylating agent
Dyes
Acetamide
Synthetic caffeine
Thioglycolic acid
General solvent
Soldering flux ingredient
Antacid in lacquers, explosives, and cosmetics
Plasticizer in leather, cloth, and films
Beerages
Medicinals
Reagent for iron
Permanent wave solution
Vinyl stabilizer
Bleaching textiles, paper, oils
Polymerization catalyst
Food processing bactericide/fungicide
7
Ethylene-propylene elastomers (terpolymer and copolymers)
Ethylene-vinylacetate (EVA) copolymers
Propionaldehyde (OXO reaction)
Packaging films
Flexible tubing
Hospital supplies (e.g., disposable gloves)
Hot-melt adhesives
Propionic acid (p.14-C2 ref.)
Alkyd resins (p.18-C3 ref.)
Plasticizers
Tire and tire products
Wire and cable insulation
Household appliances
Water and steam hoses
Brightener in nickel-plating baths
Acetaldol
Chloral
1,3-butylene glycol
Crotonaldehyde
Insecticides
Trichloroacetic acid
Chloral hydrate
Polychloral plastic
Solvent
Rubber accelerator
Crotonic and sorbic acids
Herbicide
Pharmaceuticals
Unsaturated polyester resins (p.18-C2 ref.)
Urethane coatings
Adipate plasticizer
Humectant
Printing ink
Dyes
8
Propylene copo
Vinyl toluene
Aluminum alk
Triethylalum
Diethylalum
Ethylalumin
Ethylalumin
Rubber
Dyes
Solve
and antioxidant
and cellulose
9
Ethyleneimine
Triethylenedi
Polyethyleneimines
Polymeric coatings
De-emulsifiers
Corrosion inhibitors
Paper processing
10
Tris-(1-aziridinyl)phosphine oxide (APO)
Flocculant for water treatment
Anchoring agent for film lamination
Priming agent for printing
Surface-active agents
Textiles (fire resistance and crease-proofing)
Ethylanilines
1,4-hexadiene
Ethyl bromide (C6 ref.)
Vinyl acetate-ethylene copolymers
Dyes
Third monomer in ethylene-propylene terpolymer elastomer (B7 ref.)
Low-temperature adhesives
Latex paints
Sealants
Strippable coatings
Fabric backings
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