

## Materials Vocabulary from P2 Thesaurus

1,1 Dichloroethane  
USE Ethylene dichloride

1,1,1 Trichloroethane  
USE Trichloroethane

1,1,1 Trichloroethylene  
USE Trichloroethylene

1,2 Dibromo 3 chloropropane  
USE Dibromochloropropane

1,2 Dichloropropane  
USE Dichloropropane

2 Methylnaphthalene  
USE Methylnaphthalenes

2,4 Dichloro 1 phenoxyacetic acid  
USE Dichlorophenoxyacetic acid

2,4,6 Trichlorophenol  
USE Trichlorophenol

Abrasives

Acetates  
NT Sodium acetate  
UF Ethyl acetate

Acetic acid  
USE Acids

Acetone  
BT Ketones

Acid batteries  
USE Batteries

Acid cleaning  
USE Chemical cleaning

Acid rain  
BT Rain and rainfall

Acid recovery

Acids  
BT Chemistry

Acrylamide

Aerobic bacteria  
BT Bacteria  
UF Bacteria, Aerobic

Aerosols  
BT Air pollution

Atomization  
NT Contamination (Technology)

Aflatoxins

Agricultural chemicals  
BT Chemicals  
NT Fertilizers  
Pesticides  
Fungicides

Air quality management

Alcohol as fuel  
USE Alternative fuels

Alcohols

BT Organic compounds

NT Alcohol ethoxylates  
Butanol  
Isobutyl alcohol  
Isopropyl alcohol  
Methanol  
Phenols  
Polyvinyl alcohol  
Aldehydes

BT Organic compounds

Algae

BT Aquatic resources

Aliphatic compounds

Alkalies  
NT Ammonia  
Potassium  
Sodium

Alkenes  
BT Hydrocarbons  
NT Ethylene  
Polyolefins  
Propene  
UF Olefins

Alloys  
NT Amalgams

Alternative fuels  
BT Fuel  
NT Biomass energy  
Solar power  
Water power  
Wind power

Aluminum

Amalgams  
BT Alloys  
Mercury  
Metals  
NT Dental amalgams

Amines  
BT Organic compounds

Ammonia  
BT Alkalies

Anaerobic bacteria  
BT Bacteria

Anions  
NT Ions

Antifoaming agents  
BT Chemistry  
Foam  
UF Defoamers  
Defoaming agents

Antifreeze  
RT Deicing chemicals

Antimony

Antineoplastic agents  
RT Cytotoxic drugs

- UF Antineoplastic chemicals
- Antineoplastic drugs
- Antineoplastic chemicals
  - USE Antineoplastic agents
- Antineoplastic drugs
  - USE Antineoplastic agents
- Antioxidants
- Aqueous solutions
- Aqueous waste
  - USE Wastewater
- Aromatic compounds
- Arsenic
- Artificial rubber
  - BT Plastics
  - Rubber industry and trade
  - UF Neoprene
  - Rubber, Artificial
- Asbestos
- Ash
  - NT Coal ash
  - Fly ash
  - UF Soda ash
  - Asphalt
  - BT Bituminous materials
- Asphyxiating and poisonous gases
  - BT Hazardous substances
  - Poisons
  - NT Carbon monoxide
  - Gas
  - Hydrogen sulfide
  - Natural gas
  - Waste gases
  - UF Gases, Asphyxiating and poisonous
- Atmospheric ozone
  - USE Ozone
  - Ozone layer
- Automobile-related wastes
- Automobiles — Parts
  - NT Tires
  - UF Auto parts
- Azo dyes
  - BT Dyes and dyeing
- Bacteria
  - NT Aerobic bacteria
  - Anaerobic bacteria
  - UF Microbes
- Bacteria, Aerobic
  - USE Aerobic bacteria
- Bactericides
  - BT Disinfection and disinfectants
  - RT Pesticides
  - Fungicides
- Barium
- Barium compounds

- Benzenanthracenes
  - BT Anthracene
  - Carcinogens
  - NT Pentacene
- Benzene
  - BT Aromatic compounds
  - NT Styrene
- Beryllium
- Biogas
  - RT Methane
- Biohazard
  - USE Hazardous substances
- Biological products
- Biological reagents
  - BT Biological assay
  - Chemical tests and reagents
  - Indicators and test-papers
- Biomass
  - RT Biology
- Biomedical materials
  - BT Materials
- Biomolecules
  - NT Proteins
- Bismuth
  - BT Metals
- Blast media
  - BT Blast finishing
  - NT Bead blasting
  - Carbon dioxide blasting
  - Sand blasting
  - UF Plastic media blasting
- Blood
  - BT Body fluids
- Body fluids
  - NT Blood
- Boric acid
- ~~Boring~~
  - USE Mining engineering
- Bricks
  - BT Building materials
- Brine
  - RT Salt
- Bromoform
  - BT Halocarbons
  - UF Methyl tribromide
  - Tribromomethane
- Bronze
  - BT Alloys
- Building materials
  - BT Materials
  - NT Bituminous materials
  - Bricks
  - Cement
  - Ceramics
  - Cob (Building materials)

Concrete  
Stone  
Wood  
Butanol  
    BT Alcohols  
    UF Butyl alcohol  
Butanone  
    USE Methyl ethyl ketone  
Butyl alcohol  
    USE Butanol  
Butyl methyl ether  
    BT Ether  
  
Cadmium  
Cadmium-nickel batteries  
    USE Nickel-cadmium batteries  
Cadmium plating  
    BT Electroplating  
    Metal plating  
Calcium  
Carbamates  
    NT Urethanes  
Carbon  
Carbon dioxide  
    BT Oxides  
    NT Atmospheric carbon dioxide  
    Dry ice  
    UF CO2  
Carbon monoxide  
    BT Asphyxiating and poisonous gases  
Carbon tetrachloride  
Carbonates  
    NT Polycarbonates  
Cathode ray tubes  
Cathodes  
    BT Electrodes  
Cations  
    BT Ions  
Cattle dip  
Caustic solutions  
Cellulase  
Cellulose  
Ceramic metals  
    UF Metallic ceramic  
Ceramics  
    BT Building materials  
    Clay  
    Mineral industries  
    NT Abrasives  
    Glass  
    Glazes  
CFC  
    USE Chlorofluorocarbons  
Chemical spills  
    BT Spills and accidents

Chemicals  
    NT Agricultural chemicals  
        Antifoaming agents  
        Cleaning compounds  
        Deicing chemicals  
        Drying agents  
        Fire extinguishing agents  
        Halogen compounds  
        Inorganic compounds  
        Pollutants  
        Semochemicals  
    UF Industrial chemicals  
Chemistry  
    NT Acids  
        Salts  
        Solution (Chemistry)  
        Chlordan  
    UF Chlordane  
Chlordane  
    USE Chlordan  
Chlorides  
    BT Chlorine compounds  
    NT Cupric chloride  
        Ferric chloride  
        Vinyl chloride  
Chlorinated fluorocarbons  
    USE Chlorofluorocarbons  
Chlorinated hydrocarbons  
    USE Chlorohydrocarbons  
Chlorinated paraffin  
Chlorinated solvents  
Chlorine  
    BT Disinfection and disinfectants  
    Halogens  
Chlorine compounds  
    NT Chlorides  
Chlorine dioxide  
Chlorobenzene  
    BT Benzene  
        Organochlorine compounds  
    NT Polychlorinated dibenzodioxins  
Chlorodibromomethane  
Chlorofluorocarbons  
    BT Fluorocarbons  
    Halocarbons  
    Organochlorine compounds  
    NT Freon  
    UF CFC  
Chlorinated fluorocarbons  
Chloroform  
    BT Aesthetics  
Chlorohydrocarbons  
Chlorohydrocarbons  
    BT Halocarbons  
    NT Chloroform

Trichloroethylene	Paint
UF Chlorinated hydrocarbons	Plastic coating
Chloromethane	Powder coatings
USE Methyl chloride	Protective coatings
Chlorophenols	RT Coating processes???
BT Organochlorine compounds	Thin films
NT Pentachlorophenol	<del>Coatings industry</del>
Trichlorophenol	<del>BT Chemical industry</del>
UF Chlorophenolic compounds	Cobalt
Cholinesterase-inhibiting insecticides	Coke
BT Insecticides	BT Coal
Chromates	Commercial products
Chrome	USE Products
Chromic acid	Composite materials
BT Acids	BT Materials
Chromium	RT Ceramics
BT Radioactive tracers	Compost
NT Trivalent chromium	BT Organic wastes
Chrysene	Compressed air
Circuit boards	UF Air-compressors
USE Printed circuit boards	Compressed gases
Citric acid	UF Gases, Compressed
BT Acids	Compressed wood
Clay	BT Wood
NT Ceramics	UF Wood, Compressed
Modeling	Particle board
Cleaning compounds	Plywood
BT Chemicals	Computer chips
NT Degreasers	USE Integrated circuits
Detergents	Concrete
Paint removers	BT Building materials
Soap	NT Concrete products
Cleaning wastes	Condensers
BT Waste	Construction wastes
CO2	USE Construction and demolition debris
USE Carbon dioxide	Coolants
Coagulants	UF Water based coolants
BT Coagulation	Cooling water
Coal	Cooling water
BT Fossil fuels	USE Coolants AND Water
NT Coke	Copper
Coal ash	BT Metals
NT Fly ash	Copper plating
Coal-tar	BT Electroplating
BT Bituminous materials	Copper sulfate
Coatings	BT Sulfates
BT Materials	NT Sweet corn
Surfaces (Technology)	Corrosion
NT Booth coating compounds	NT Corrosion resistant materials
Enamel and enameling	Corrosion fatigue
Epoxy coatings	RT Paint
Finishes and finishing	Coatings
High solids coating	UF Rust
Lacquer and lacquering	Corrosion protection
Metal coating	USE Corrosion resistant materials

Corrosion resistant materials  
     BT Corrosion  
 Crankcase oil  
     USE Oils and fats  
         Petroleum  
 Creosote  
 Cresol  
 Crossflow membranes  
     USE Counter current systems  
         Membranes  
 Cupric chloride  
     BT Chlorides  
 Cutting fluids  
     BT Lubrication and lubricants  
         Metal-work  
     UF Cutting oil  
 Cutting oil  
     USE Cutting fluids  
 Cyanide wastes  
     BT Factory and trade wastes  
 Cyanides  
     NT Cyanide removal  
         Ferrocyanides  
         Cycloalkanes  
     UF Cycloparafins  
 Cyclohexanone  
 Cyclones  
 Cycloparafins  
     USE Cycloalkanes  
 Cylinders  
 Cytotoxic drugs  
     RT Antineoplastic agents  
 Cytotoxic wastes  
     BT Waste  
  
 Defoaming agents  
     USE Antifoaming agents  
 Dehydrating agents  
     USE Drying agents  
 Deicing chemicals  
     BT Chemicals  
     RT Antifreeze  
 Deionized water  
     BT Water  
 Dental amalgams  
     BT Amalgams  
 Dental wastes  
     BT Waste  
 Dentistry  
 Deposits  
 Detergents  
     BT Cleaning compounds  
     NT Alkaline detergents  
     UF Surfactants  
 Deterioration  
  
     RT Rust  
 Detinning  
 Di(2-ethylhexyl) phthalate  
     USE Diethylhexyl phthalate  
 Di-n-butyl phthalate  
 Dialysis  
     BT Diffusion  
         Filtration  
         Osmosis  
     NT Electrodialysis  
     UF Donnan dialysis  
 Diatomaceous earth  
 Dibenzoanthracene  
     USE Pentacene  
 Dibenzofurans  
     BT Furans  
 Dibromochloropropane  
     BT Organohalogen compounds  
     UF 1,2 Dibromo 3 chloropropane  
 Dichlorobenzene  
     BT Benzene  
 Dichloroethane  
     USE Ethylene dichloride  
 Dichloromethane  
     BT Methane  
     UF Methylene chloride  
 Dichlorophenoxyacetic acid  
     BT Herbicides  
     UF 2,4 Dichloro 1 phenoxyacetic acid  
 Dichloropropane  
     BT Organochlorine compounds  
     UF 1,2 Dichloropropane  
 Dieldrin  
     BT Insecticides  
         Organochlorine compounds  
 Diesel fuels  
     BT Motor fuels  
 Diesel motor  
     BT Internal combustion engines  
         Motors  
 Diethylhexyl phthalate  
     BT Plasticizers  
     UF Di(2-ethylhexyl) phthalate  
  
 Dimethyl sulfoxide  
     BT Methane  
         Solvents  
 Dimethylformamide  
 Dioxane  
     BT Ethers  
     UF Glycol ethylene ethers  
 Dioxins  
     BT Tetrachlorodibenzodioxin  
 Diphenylhydrazine  
 Directories

Dirt	UF Polyurethane enamel
USE Soils	Enzymes
Disinfection and disinfectants	BT Catalysts
NT Air purification	Epoxy compounds
Bactericides	Escherichia coli
Biocides	UF E coli
Chlorine	Esters
Ethylene oxide	Etchants
Formaldehyde	USE Etching reagents
Hydrogen peroxide	Etching reagents
Lime	UF Etchants
Steam	Ethanol
Sterilization	UF Ethoxyl ethanol
Water purification	Ether
Dredging spoil	BT Anesthetics
BT Dredging	NT Butyl methyl ether
Waste products	UF Ethyl ether
Drinking water	Ethoxyl ethanol
BT Water	USE Ethanol
Drugs	Ethoxylates
USE Pharmaceuticals	NT Alcohol ethoxylates
Dry film lubricants	Alkylphenol ethoxylates
USE Solid lubricants	Ethyl acetate
Dry wall	USE Acetates
BT Building materials	Ethyl chloride
UF Drywall	Ethyl ether
Drying agents	USE Ether
BT Chemicals	Ethylbenzene
Drying	BT Benzene
NT Molecular sieves	Ethylene
UF Dehydrating agents	BT Alkenes
Drywall	Ethylene dibromide
USE Dry wall	Ethylene dichloride
Dust	UF 1,1 Dichloroethane
BT Air pollution	Dichloroethane
Particles	Ethylene glycol
NT Contamination (Technology)	USE Glycols
E coli	Ethylene oxide
USE Escherichia coli	Exhaust gas
Effluent	RT Automobile-related waste
Embrittle	Explosives
Emissions	Fabrics
UF Air emissions	USE Textile fabrics
Auto emissions	Facility inspection
Automobile emissions	Farm supplies
Fugitive emissions	RT Feeds
Gas emissions	Fat
Toxic emissions	Feeds
Vapor emissions	RT Animal feeding
Emulsions	Farm supplies
UF Microemulsions	Ferric chloride
Enamel and enameling	UF Iron chloride
BT Coating processes	Ferric oxide
Coatings	BT Iron oxides

UF Iron oxide  
Ferric sulfate  
UF Iron sulfate  
Ferrocyanides  
UF Ferricyanide  
Ferrous metal  
USE Iron industry and trade???  
Steel industry and trade???  
Ferrous sulfate  
Fertilizers  
BT Agricultural chemicals  
Fiber  
Fiber reinforced plastics  
Fiberglass  
Field crops  
USE Farm produce  
Film  
NT Photographic film  
X-Ray film  
RT Thin films  
Filter cakes  
Filter crushers  
Filter media  
Filter-press  
Filters  
NT Air filters  
Dry filters  
Oil filters  
Fixtures  
Flammables  
USE Inflammable materials  
Flock  
Flue gases  
Fluids  
Fluoborates  
UF Fluoboric acid  
Fluoboric acid  
USE Fluoborates  
Fluorene  
Fluorides  
Fluorine  
Fluorocarbons  
NT Chlorofluorocarbons  
Fluoropolymers  
Fluorspar  
Flux (Metallurgy)  
RT Amalgams  
Fly ash  
BT Coal ash  
Foam  
NT Antifoaming agents  
Foamed materials  
UF Styrofoam  
Foil  
USE Aluminum foil

Metalfoils  
Food  
Food additives  
Food preservatives  
USE Food additives  
Food waste  
BT Waste  
Forest products  
BT Commercial products  
NT Lumber  
Wood  
Furniture  
Formaldehyde  
Formic acid  
Formulation  
Fossil fuels  
NT Coal  
Fountain solutions  
Freon  
BT Chlorofluocarbons  
Fuel  
NT Alternative fuels  
Biomass energy  
Fuelwood  
RT Woodstoves  
Fugitive emissions  
BT Emissions  
Fumes  
Fused salts  
UF Molten salts  
Gas  
BT Asphyxiating and poisonous gases  
Gas emissions  
USE Emissions  
Gases, Compressed  
USE Compressed gases  
Gasoline  
BT Motor fuels  
RT Diesel fuel  
UF Petrol  
Glass  
BT Ceramics  
UF Borosilicate glass  
Glass containers  
BT Containers  
Glass fibers  
USE Fiberglass  
Glucose  
Glue  
USE Adhesives  
Glycol ether  
BT Glycols  
Glycols  
NT Glycol ether

UF Ethylene glycol  
Glyphosate  
Gold  
Grease  
USE Lubrication and lubricants  
Oils and fats  
Greenhouse gases  
Halocarbons  
NT Bromoform  
Chlorofluorocarbons  
Chlorohydrocarbons  
Halogen compounds  
BT Chemicals  
Halogens  
NT Chlorine  
Hazardous chemicals  
USE Hazardous substances  
Hazardous materials  
USE Hazardous substances  
Hazardous substances  
NT Asphyxiating and poisonous gases  
Carcinogens  
UF Biohazard  
Hazardous chemicals  
Hazardous materials  
Hazardous waste  
BT Waste  
HCFC  
USE Hydrochlorofluorocarbons  
HDPE  
USE High density polyethylene  
Heavy metals  
Herbicides  
NT Alchlor  
Atrazine  
Hexachlorocyclopentadiene  
Hexachlorobenzene  
BT Benzene  
Hexane  
Hexavalent chromium  
High density polyethylene  
UF HDPE  
Horticultural products  
USE Home economics  
Hydraulic fluids  
UF Hydraulic oil  
Hydraulic oil  
USE Hydraulic fluids  
Hydrobromic acid  
Hydrocarbons  
NT Alkenes  
Hydrochloric acid  
Hydrochlorofluorocarbons  
UF HCFC

Hydrocyclones  
Hydrofluoric acid  
Hydrofluorocarbons  
Hydrogen  
Hydrogen fluoride  
Hydrogen peroxide  
Hydrogen sulfide  
BT Asphyxiating and poisonous gases  
Hydroxides  
NT Aluminum hydroxide  
Hygiene  
NT Baths  
Industrial hygiene  
Indicators and test papers  
NT Biological reagents  
Chemical tests and reagents  
Industrial chemicals  
USE Chemicals  
Infectious agents  
Inflammable materials  
UF Flammables  
Ink  
NT Soy ink  
RT Water based products  
Inorganic chemicals  
USE Inorganic compounds  
Inorganic chemistry  
BT Chemistry  
NT Metals  
RT Inorganic compounds  
UF Chemistry, Inorganic  
Inorganic compounds  
BT Chemicals  
RT Inorganic chemistry  
UF Inorganic chemicals  
Inorganic substances  
Inorganic substances  
USE Inorganic compounds  
Insecticides  
NT Cholinesterase-inhibiting  
insecticides  
Ions  
NT Anions  
Cations  
IPA  
USE Isopropyl alcohol  
Iron  
Iron chloride  
USE Ferric chloride  
Iron oxide  
USE Ferric oxide  
Iron salts  
Iron sulfate  
USE Ferric sulfate



Isobutyl alcohol  
    BT Alcohols  
Isocyanates  
Isoprene  
Isopropyl alcohol  
    BT Alcohols  
    UF IPA  
  
Kerosene  
    BT Petroleum  
Ketones  
    NT Acetone  
Knit goods  
    USE Textile fabrics  
  
Laboratory wastes  
Lacquer and lacquering  
    BT Coatings  
        Finishes and finishing  
Lake sediments  
~~Lake Superior~~  
Lakes  
Lamella clarifier  
Laminated materials  
    BT Coating processes  
    NT Laminated wood  
Laminated wood  
    BT Laminated materials  
    UF Plywood  
        Particle board  
Latex paint  
    BT Paint  
LDPE  
    USE Low density polyethylene  
Leachate  
Lead  
Lead abatement  
Lead-acid batteries  
    BT Batteries  
    UF Acid batteries  
Lead based paint  
    BT Paint  
  
Lignin  
Lime  
Lindane  
Linen supply service  
    RT Laundry industry  
Liquid membranes  
    BT Membranes  
Liquids  
Lithium  
Low density polyethylene  
    UF LDPE  
Low volume low pressure spray guns

    UF LVLP  
Lubrication and lubricants  
    NT Solid lubricants  
    RT Tribology  
    UF Grease  
        Crankcase oil  
Lumber  
    BT Building materials  
    RT Forest products  
        Wood  
  
Macrophomina phasiolina  
Magnesium  
Magnesium alloys  
Manganese  
Materials  
    NT Biomedical materials  
        Building materials  
        Chromic materialc  
        Coatings  
        Composite materials  
        Green products  
        Substitute materials  
    UF Industrial materials  
Medical waste  
    UF Hospital waste  
Medicine  
    USE Pharmaceuticals  
MEK  
    USE Methyl ethyl ketone  
MeOH  
    USE Methanol  
Metal complexes  
Metal cutting fluids  
    USE Cutting fluids  
        Lubrication and lubricants  
Metal halides  
Metal ions  
Metal oxides  
    RT Metallic oxides  
Metal parts cleaning  
    USE Parts cleaning  
Metal powders  
Metal wastes  
    BT Scrap metal  
Metalfoils  
    UF Foil  
Metallurgy  
    NT Primary metals  
Metal refining  
Metals  
    BT Inorganic chemistry  
    NT Alloys  
        Amalgams  
        Bismuth

	Nonferrous metals	Nickel-cadmium batteries
	Metal ions	BT Batteries
	Metal oxides	UF Cadmium-nickle batteries
	Stainless steel	Nickel industry
	Steel	Nickel plating
Methane		BT Metal plating
	NT Chloroform	Nitrates
	RT Biogas	Nitric acid
Methanol		Nitrification
	BT Alcohols	RT Nitrifying bacteria
	UF MeOH	Nitriles
Methyl alcohol		Nitrites
Methemoglobinemia		Nitro compounds
Methoxychlor		Nitroamines
Methyl alcohol		Nitrobacter
	USE Methanol	USE Nitrifying bacteria
Methyl chloride		Nitrogen
	UF Chloromethane	Nitrogen oxides
Methyl chloroform		Nitroso compounds
	USE Trichloroethane	Noise control
Methyl ethyl ketone		Nonferrous metals
	UF Butanone	BT Metals
MEK		Nonwoven fabrics
Methyl isocyanate		Nylon
Methyl tribromide		
	USE Bromoform	Oils and fats
Methylene chloride		NT Mineral oils
	USE Dichloromethane	RT Lubrication and lubricants
Methylnaphthalenes		Petroleum
	UF 2 Methylnaphthalene	Olefins
Microbes		USE Alkenes
	USE Bacteria	Organic solvents
Microorganisms		BT Solvents
Mine soils		Organic wastes
	USE Mines and mineral resources	NT Agricultural wastes
Mineral oils		Compost
	BT Oil	Mulching
Molten salts		UF Garbage
	USE Fused salts	Organochlorine compounds
Molybdenum		USE Chlorine compounds
Motor fuels		Organometallic compounds
	NT Gasoline	Organophosphorus compounds
	Diesel fuel	Oxides
	Motor oils	NT Aluminum oxide
	USE Lubrication and lubricants	Carbon dioxide
Municipal waste		Oxidizing agents
	RT Litter (Trash)	Oxygen
Naphthalene		Ozone
Natural gas		BT Chemical tests and reagents
	RT Methane	NT Atmospheric ozone
Neoprene		PAH
	USE Artificial rubber	USE Polycyclic aromatic hydrocarbons
Nervous system		Paint
Neurotoxic agents		BT Coatings

- NT Acrylic paint
- RT Water based products
- Paint removers
  - BT Cleaning compounds
- Palladium
- Pallets (Shipping, storage, etc.)
- Paper
- Paper products
- Paper waste
  - BT Waste
- Paperboard
  - RT Cardboard
- Parasites
- Particle board
  - USE Compressed wood
  - USE Pavement
- PCB
  - USE Polychlorinated biphenyls
- PERC
  - USE Perchloroethylene
- Perchloroethylene
  - UF PERC
- Permanganates
- Peroxides
- Pesticide residues
- Pesticides
  - BT Agricultural chemicals
  - NT Bactericides
- PET
  - USE Polyethylene terephthalate
- Petrochemicals
  - USE Petroleum chemicals
- Petrol
  - USE Gasoline
- Petroleum
  - RT Oils and fats
  - UF Tramp oil
- Petroleum chemicals
  - NT Gasoline
- Natural gas
  - UF Petrochemicals
- Petroleum products
  - NT Gasoline
  - Natural gas
- Petroleum waste
  - UF Used oil
  - Waste oil
- Pharmaceutical waste
- Pharmaceuticals
  - UF Drugs
- Phenols
  - BT Alcohols
  - Aromatic compounds
  - NT Alkylphenol ethoxylates
  - Chlorophenols

- Phosphates
  - NT Calcium phosphate
- Phosphating
  - USE Phosphate coating
- Phosphoric acid
- Phosphorus
- Photographic chemicals
- Photographic film
  - NT X-ray film
- Photopolymers
- Phthalate esters
- Pigments
  - USE Dyes and dyeing
- Plastic foams
- Plastic scrap
  - UF Scrap plastic
- Plasticizers
- Platinum group
- Plutonium
  - BT Radioactive substances
- Plywood
  - USE Compressed wood
- Poisons
  - NT Asphyxiating and poisonous gases
- Pollutants
  - BT Chemicals
  - UF Contaminants
  - Environmental pollutants
  - Water pollutants
- Polychlorinated biphenyls
  - UF PCB
- Polycyclic aromatic hydrocarbons
  - BT Aromatic compounds
  - UF PAH
- Polyesters
- Polyethylene
- Polyethylene terephthalate
  - UF PET
- Polytef
  - UF Teflon (Registered trademark)
- Polyimides
- Polymers
- Polyolefins
  - BT Alkenes
- Polypropylene
- Polystyrene
- Polyurethane enamel
  - USE Enamels and enameling
- Polyurethanes
- Polyvinyl alcohol
  - BT Alcohols
- Polyvinyl chloride
  - UF PVC
- Potash
- Potassium

BT Alkalies	Refuse and refuse disposal
Potassium chloride	USE Litter (Trash)
Powder coatings	Municipal waste
BT Coatings	Refuse as fuel
Powders	USE Biomass energy
Pressurized water	BT Planning
Primary metals	Soil remediation
Primers	NT Toxic release inventory
Printing ink	Resins
Propane	Rocks
RT Natural gas	USE Stone
Propene	Rodenticides
BT Alkenes	RT Pesticides
UF Propylene	Rosin
Propylene	Rotary pumps
USE Propene	Rubber
Proteins	Rubber, Artificial
BT Biomolecules	USE Artificial rubber
Pulp	Rubber, Reclaimed
USE Wood-pulp	USE Reclaimed rubber
Pulpwood	Rust
USE Wood-pulp	USE Corrosion and anticorrosives
Pultrusion	Salicylic acid
Pumice	Saline waters
PVC	Salt
USE Polyvinyl chloride	UF Sodium chloride
Pyridine	Salt bath
Radioactive decontamination	Salts
Radioactive substances	BT Chemsitry
Radioactive wastes	NT Aluminum salts
UF Nuclear wastes	Fused salts
Radioisotopes	Sand
Radium	Sand filters
Radon	USE Filters AND Sand
Raw materials	Sand, Foundry
Rayon	Scrap metals
BT Cellulose	RT Metal waste
RT Cellulose	Scrap plastic
Reactivity (Chemistry)	USE Plastic scrap
USE Chemical reactions	Sealing compounds
Reagents	Secondary materials
USE Biological reagents	USE Recycled products
Chemical tests and reagents	Selenium
Reclaimed rubber	Sewage sludge
NT Asphalt-rubber	USE Sludge
UF Rubber, Reclaimed	Silane
Recycled products	Silicates
BT Products	Silicon
UF Secondary materials	Silicones
Reduction	Silver
RT Source reduction	Slag
Reformulated gasoline	Sludge
USE Gasoline	RT Sewage
Refrigerants	Solifluction

Slurry  
 SO2  
     USE Sulfur dioxide  
 Soda ash  
     USE Ash  
 Sodium  
     BT Alkalies  
 Sodium acetate  
     BT Acetates  
 Sodium bicarbonate  
     BT Alkalies  
         Carbonates  
 Sodium compounds  
 Sodium carbonate  
 Sodium chloride  
     USE Salt  
 Sodium compounds  
 Sodium hydroxide  
 Soils  
     UF Dirt  
 Solid waste  
     BT Waste  
 Solidification  
 Solids  
 Solution (Chemistry)  
     BT Chemistry  
 Solvent extraction  
 Solvent waste  
     BT Waste  
 Solvents  
     NT Organic solvents  
         Water  
 Soy ink  
     BT Ink  
 Soy oil  
 Starch  
 Steam  
 Steel  
     NT Stainless steel  
 Stone  
     BT Building materials  
 Stormwater  
 Stormwater runoff  
     USE Runoff  
 Styrene  
     BT Benzene  
 Styrofoam  
     USE Foamed materials  
 Substitute materials  
     RT Alternative technologies  
     UF Material substitution  
 Sulfate pulping process  
 Sulfates  
 Sulfides  
 Sulfur  
 Sulfur dioxide  
     UF SO2  
 Sulfuric acid  
     BT Acids  
 Superheated vapor  
 Surfactants  
     USE Detergents  
 Syrups  
 TCA  
     USE Trichloroethane  
 Total cost assessment  
 TCE  
     USE Trichloroethylene  
 Teflon (Registered trademark)  
     USE Polytef  
 Terpenes  
 Tetrachlorodibenzodioxin  
 Tetrachloroethylene  
 Textiles  
     USE Textile fabrics  
 Therapeutics  
     USE Pharmaceuticals  
 Thin films  
     RT Coatings  
 Thinner  
     USE Solvents  
 Thorium  
 Thread  
     USE Textile fabrics  
 Tin  
 Tinning  
 Tires  
     BT Automobiles–Parts  
 Titanium  
 Toluene  
     BT Aromatic compounds  
 Toxaphene  
 Toxic chemicals  
 Toxic emissions  
     USE Emissions  
 Toxic pollution  
     USE Pollution  
 Toxic substances  
     USE Toxic chemicals  
 Toxic waste  
     USE Hazardous wastes  
 Trichloroethane  
     UF 1,1,1 Trichloroethane  
         Methyl chloroform  
 TCA  
 Trichloroethylene  
     BT Anesthetics  
         Chlorohydrocarbons  
     UF 1,1,1 Trichloroethylene

TCE  
Trichlorophenol  
    BT Chlorophenol  
    UF 2,4,6 Trichlorophenol  
Trihalomethanes  
Trinitrotoluene  
Trivalent chromium  
    BT Chromium  
Trypsin  
  
USEPA  
Urethanes  
  
Vanadium  
Vapor  
Vermiculite  
    BT Horticultural products  
Vinyl chloride  
    BT Chlorides  
Vinyl polymers  
Volatile organic compounds  
  
Waste  
    NT     Cleaning wastes  
          Factory and trade wastes  
          Food wastes  
          Hazardous waste  
          Medical waste  
          Paper waste  
          Petroleum waste  
          Solid waste  
          Wastewater  
          Wood wastes  
          Yard wastes  
    UF Waste stream  
Waste gases  
    BT Asphyxiating and poisonous   gases  
Waste oil  
    USE Petroleum waste  
Waste paper  
    UF Wastepaper  
Waste products  
Waste water  
    USE Wastewater  
Wastepaper  
    USE Waste paper  
Wastewater  
    BT Water  
    RT Gray water  
    UF Aqueous waste  
Waste water  
Wastewater discharge  
Water  
    RT Aquatic ecosystems  
Water based products

    RT Aqueous cleaning  
Water runoff  
    USE Runoff  
Waxes  
    RT Finishes and finishing  
Whey  
Wire  
    NT Aluminum wire  
Wood  
    BT Building materials  
    NT Compressed wood  
    RT Forest products  
        Furniture  
        Lumber  
Wood chips  
Wood, Compressed  
    USE Compressed wood  
Wood preservatives  
    BT Preservatives  
    RT Finishes and finishing  
Wood-pulp  
    UF Pulp  
        Pulp-wood  
        Wood waste  
    BT Waste  
Woven fabrics  
    USE Textile fabrics  
  
X-ray film  
    BT Photographic film  
X-rays  
Xanthates  
Xylene  
  
Yard waste  
    RT Gardening  
Yarn  
    USE Textile fabrics  
Yeast  
  
Zeolites  
Zinc  
Zinc alloys  
Zinc naphthenate  
Zinc oxide  
Zinc plating  
    BT Metal plating  
    UF Electro galvanizing  
Zircon