

STORAGE OF CHEMICALS

Group name	Group no.	Substance name	No. of group to be stored together
1	2	3	4
Extremely flammable and very flammable	1	Acetone, varnish, diluents No. 648, RS-1	1, 2, 7, 8, 9, 10, 11, 12
	2	Resin, diluents No. 649, No. 651, RS-2	
Poisonous, extremely flammable and very flammable liquids	3	Ethanol (ethyl alcohol)	3
	4	Methanol (methyl alcohol)	4
	5	2-ethoxyethanol (ethyl cellosolve)	5, 6
	6.	Ethylene glycol	5, 6
Nitriles	7	Nitrocellulose enamel, nitrocellulose varnish, nitro primer	1, 2, 7, 8, 9, 10, 11, 12
Flammable liquids	8	Enamel, primer, antifreeze, brake fluid	1, 2, 7, 8, 9, 10, 11, 12
	9	Natural oil	
	10	Glycerol, oil, lubricant, damper	
	11	Monoethanolamine	
	12	Bleacher, paints, sealant	
Compressed and liquefied gas	13	Inert and non-flammable gases: argon, neon, nitrogen, carbon dioxide	13, 14, 15
	14	Flammable and explosive gases: methane, hydrogen, ethane (ethylene)	13, 14
	15	Gases or their mixtures maintaining combustion	13, 15
	16	Poisonous gases: sulphur trioxide	16
	17	Other flammable, poisonous, explosive gases	17
Extremely flammable and very flammable solid substances	18	Calcium carbide	18
	19	Sulphur	19
	20	Aluminium powder	20
	21	Self-igniting substances: activated carbon, sulphated carbon	21, 35
	22	Substances, which produce explosive mixtures with air	21, 22, 35
Oxidizing substances	23	Chlorinated lime, calcium hypochlorite	23
	24	Potassium	24
	25	Poisonous substances oxidisers: chrome oxide, etc.	25
	26	Sodium and potassium nitrate	26
	27	Ammonium nitrate	27
	28	Hydrogen peroxide	28
Poisonous substances	29	Crystalline phenol, barium chloride (sodium tetraborate decahydrate)	29

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Mineral acids	30	Hydrochloric acid, hydrofluoric acid, pyro phosphoric acid	30
	31	Sulphuric acid	31
	32	Nitric acid	32
Alkali	33	Liquid alkali: sodium and lithium, calcium and lithium electrolytes	33, 34
	34	Dry alkali: caustic soda	33, 34, 35
Salts	35	Iron chloride, calcined soda, sodium fluoride, calcium chloride	21, 22, 34, 35