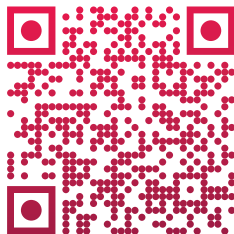


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PAINTS AND COATINGS

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PAINTS AND COATINGS PORTFOLIO

FATTY AMINES

NAME	CAS.NO	BRAND NAME	APPEARANCE	TOTAL AMINE VALUE mg KOH/g	% PRIMARY AMINE	IODINE VALUE,gl2/100g	APPLICATION
Coco amine	61788-46-3	IAL CAD	Colorless to pale yellow liquid	270 – 290	99.0 Min	12.0 Max	Wetting agent & enhance coating
Soya amine	61790-18-9	IAL SOAD	Colorless to pale yellow liquid	205 – 220	99.0 min	85.0 Min	Additives for pigments

FATTY DIAMINES

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR (APHA)	Diamine, % HYDROXYL VALUE , mgKOH/g	pH, 5 % in DISTILLED WATER	APPLICATION
Oleyl Diamine	7173-62-8	IAL ODA	Liquid paste	320 – 340	90.0 Min	60.0 Min	Emulsifier and dispersing agent

FATTY ALCOHOL ETHOXYLATES

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR (APHA)	HYDROXYL VALUE , mgKOH/g	pH, 5 % in DISTILLED WATER	APPLICATION
Lauryl alcohol 7 EO	68439-50 -9	IAL LA 7	Colorless to pale yellow clear to turbid liquid	50 Max	105 – 125	6.0 – 8.0	Emulsifier
Styrenated phenol 15 EO	104376-75-2	IAL SP 15	Pale yellow to brown viscous liquid	6 Max	-----	6.0 – 8.0	Test pH of the paint
Nonyl Phenol 30 EO	9016-45-9	IAL NP 30	White to creamy white solid / Flakes	50 Max	30 - 45	6.0 – 8.0	Pigment wetting and stabilizer

POLYGLYCOL ETHERS

NAME	CAS.NO	BRAND NAME	APPEARANCE	COLOR (APHA)	HYDROXYL VALUE, mgKOH/g	pH, 5 % in DISTILLED WATER	APPLICATION
Polyethylene glycol 200	25322-68-3	IAL PEG - 200	Color less to pale yellow viscous liquid	50 Max	535 – 590	4.5 – 7.5	Binder and modifier for latex paint
Polyethylene glycol 300	25322-68-3	IAL PEG - 300	Color less to pale yellow viscous liquid	50 Max	360 – 390	4.5 – 7.5	Binder in paint
Polyethylene glycol 400	25322-68-3	IAL PEG - 400	Color less to pale yellow viscous liquid	50 Max	267 - 295	4.5 – 7.5	Binder and modifier in latex paint
Polyethylene glycol 600	25322-68-3	IAL PEG - 600	Color less to pale yellow viscous liquid	50 Max	181 – 194	4.5 – 7.5	Binder and modifier in latex paint
Polyethylene glycol 800	25322-68-3	IAL PEG - 800	Color less to pale yellow viscous liquid	50 Max	135 – 150	4.5 – 7.5	Binders, plasticizers, wetting agents, printing inks and water soluble paints
Polyethylene glycol 1000	25322-68-3	IAL PEG - 1000	White Waxy solid	80 Max	105 – 120	4.5 – 7.5	Solvent In the manufacturing of paints
Polyethylene glycol 1500	25322-68-3	IAL PEG - 1500	White Waxy solid	80 Max	70 - 90	4.5 – 7.5	Solvent In the manufacturing of paints
Polyethylene glycol 2000	25322-68-3	IAL PEG - 2000	White to creamy white wax like solid or flakes	80 Max	50 – 70	4.5 – 7.5	Pigment dye carrier in paint
Polyethylene glycol 6000	25322-68-3	IAL PEG - 6000	White to creamy white wax like solid or flakes	50 Max	12 – 27	4.5 – 7.5	Solvent, binder, raw materials for resin & polyol for urethane
Polyethylene glycol 8000	25322-68-3	IAL PEG - 8000	White to creamy white flakes	50 Max	10 – 20	4.5 – 7.5	Surfactant and humectant in paint

FATTY ACID

NAME	CAS NO	BRAND NAME	APPEARANCE	ACID VALUE, mgKOH/g	IODINE VALUE, cgm of Iodine/gm	APPLICATION
Linseed fatty acid	68308-53-2	IAL - LOFA	Pale yellow liquid	195 – 205	120 - 130	Paints & varnishes, coatings and Alkyd resins manufacturing
Soya fatty acid	68424-45-3	IAL SOFA	Pale yellow liquid	195 – 205	170 – 180	Slowing drying time

OTHERS

NAME	CAS.NO	BRAND NAME	APPEARANCE	PURITY % (By GC)	APPLICATION
1-(3-Aminopropyl)imidazole	5036-48-6	IAL 3API	Colorless to pale yellow Liquid	98.0 Min	Adhesion promoter, epoxy resins modifier and polyurethanes production
Benzyl amine	100-46-9	BENZYL AMINE	Clear colorless to pale yellow liquid	99.0 Min	Building block for additives and solvents
3-Dimethyl amino propyl amine	109-55-7	3-DIMETHYL AMINO PROPYL AMINE	Clear colorless liquid	99.5 Min	Hardening agent for epoxy resin
Cyclohexyl amino propyl amine	3312-60-5	CYCLOHEXYL AMINO PROPYL AMINE	Clear Colorless to pale yellowish liquid	98.0 Min	Hardening agent for epoxy resin
1,1,1,tris(4-hydroxyphenyl) ethane (THPE)	27955-94-8	IAL THPE	White powder	99.0 Min	Curing agent and adhesion promoter
1,3-Bis(2-hydroxyethoxy) benzene (HER)	102-40-9	IAL HER	White crystal powder	99.0 Min	Chain extender for polyurethane elastomer used in forklift tyres
Hydroquinone Bis (2- hydroxyethyl) Ether (HQEE)	104-38-1	IAL HQEE	Grayish white powder	99.0 Min	Cure TDI/MDI systems in Polyurethane
Di-iso butyl carbinol	108-82-7	DI-ISO BUTYL CARBINOL	Colorless to pale yellow	97.0 Min	Used as a solvent in paints and coatings
Cyclohexanol	108-93-0	INDOCOAT CLO-12	Clear Colorless to Pale Yellowish Liquid	99.0 Min.	Used as paint blending agent