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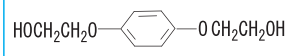
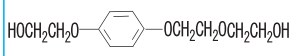
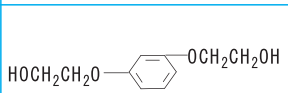
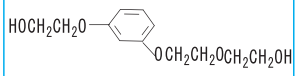
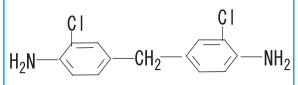
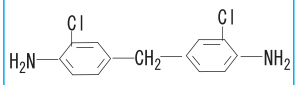
PU
优尼普

Cross-Linking Agent
交联剂
PU Curing Agent
PU固化剂

HONGDA GROUP LIMITED
洪大集团有限公司

Curatives list

Code No. 型 号	Product Name 品 名	M.W.	CAS#	EC#	Molecular Structure 分子结构	Application 应用
UNIPU HQEE	对苯二酚-双（β—羟乙基）醚 hydroquinone bis (2-hydroxyethyl) ether 2-[4-(2-hydroxyethoxy) phenoxy] ethanol	198.2	104-38-1	203-197-3		HQEE is used in elastomers for oil well seals, forklift tires, seals for hydraulic cylinders, conveyor lines etc. HQEE用于油井密封件、叉车轮胎、液压气缸密封件、传送带等PU制品，还可用于氨纶。
UNIPU HQEE-L	1-羟乙基-4-氧乙基羟乙基苯二醚 hydroquinone hydroxyethyl hydroxyethoxyethyl ether 2-[4-[2-(2-hydroxyethoxy)ethoxy]phenoxy]ethanol	242.3	849677-06-1			HQEE-L is mainly used to cure TDI/MDI systems PU products like PU adhesives, coatings, sealants, elastomers, PU foam, spandex and sports ground, etc. 广泛应用于聚氨酯粘合剂、涂料、密封胶、弹性体、PU泡沫、氨纶、体育设施等领域。
UNIPU HER	间苯二酚—双（β-羟乙基）醚 resorcinol bis-(2-Hydroxyethyl) ether 2-[3-(2-hydroxyethoxy)phenoxy]ethanol	198.2	102-40-9	203-028-3		HER offers typical uses including seal, mud pipeline lining, skating wheel, shoe part, beverage container, spandex and soft or rigid packaging materials, etc. HER应用于铸轮、密封件、压制垫、非粘结合轮胎、泥浆管内衬、滑板轮、鞋部件、饮料容器、氨纶以及软质和硬质包装材料等。
UNIPU HER-L	1-羟乙基-3-氧乙基羟乙基苯二醚 resorcinol hydroxyethyl hydroxyethoxyethyl ether 2-[3-[2-(2-hydroxyethoxy)ethoxy]phenoxy]ethanol	242.3	777942-63-9			HER-L is mainly used to cure TDI/MDI systems PU products like PU adhesives, coatings, sealants, elastomers, PU foam, spandex and sports ground, etc. HER-L广泛应用于聚氨酯粘合剂、涂料、密封胶、弹性体、PU泡沫、氨纶、体育设施等领域。
UNIPU MOCA-HR	3，3'—二氯—4，4'—二氨基二苯甲烷 4,4'-methylenebis(2-chloroaniline)	267.2	101-14-4	202-918-9		MOCA-HR is used widely as cross-linker or curing agent in the areas such as: machinery, building, aircraft manufacturing, mining industry and sport facility. MOCA作为交链剂或固化剂被广泛应用于机械、建筑、汽车、飞机制造、采矿工业和体育设施制造中。
UNIPU MOCA-WH	3，3'—二氯—4，4'—二氨基二苯甲烷 4,4'-methylenebis(2-chloroaniline)	267.2	101-14-4	202-918-9		MOCA-WH is used as cross-linker or curing agent for cast polyurethane products that requires high property and gardner, such as: skateboard wheel, scraper, light color PU coating, etc. Ⅰ型精品MOCA作为交链剂或固化剂主要应用于对产品色泽、性能要求较高的浇注型PU制品。如：滑板轮、刮片、淡颜色的PU涂料等。

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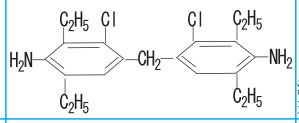
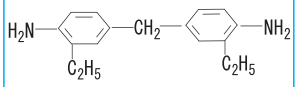
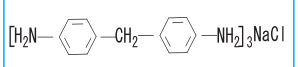
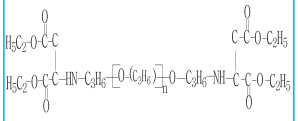
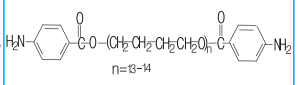
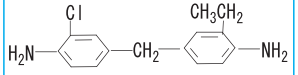
UNIPU XYlink M-CDEA	4,4'—亚甲基—双（3—氯—2，6—二乙基苯胺） 4,4'-methylenebis (3-chloro-2,6-diethylaniline)	379.4	106246-33-7	402-130-7		XYlinklink M-CDEA is widely used in PU casting, painting, RIM technical methods, and microporous polyurethane products, TPU, adhesive, coating solvent , etc. XYlink M-CDEA是MDA类的衍生体，在PU的浇注、喷涂、RIM等工艺技术方法，以及微孔制品、TPU、胶粘剂、涂层剂等制品制备中，都有着广泛地应用。
UNIPU XYlink MOEA	4,4'-亚甲基双(2-乙基)苯胺 4,4-Methylenebis-(2-Ethylaniline)	254.37	19900-65-3	243-420-1		XYlink MOEA is applied in polyurea elastomeric waterproof coatings. It also imparts excellent tensile strength, tearing resistance, electric insulativity and heat resistance to the finished products when using in epoxy resin as curing agent. 用于聚脲弹性防水材料，也可用作环氧树脂的固化剂，赋予制品良好的抗张、耐撕裂、电绝缘及耐热等性能。
UNIPU XYlink 311	4,4'—二氨基二苯甲烷（MDA）与氯化钠的络合物 4,4'-methylenebis(aniline),compound with sodium chloride (3:1)	653.2	21646-20-8	244-493-2		XYlink311 is similar to MOCA. When it mixes with prepolymers without heated, it will not occur gelatin phenomena, it can be used in MDI-based prepolymers. XYlink311具有与MOCA相近的硫化性能，与预聚体混合不加热时不会出现凝胶现象，可用于MDI体系的预聚体。
UNIPU XYlink -DMD230	聚天门冬氨酸酯 Polyaspartic ester	574.3	152637-10-0			Polyaspartic ester coating applies in the fields such as Anti-corrosive Coatings for the bridge and outdoor building. It could also be used as component of the paint for the ground of the industrial factory building and sport field. 聚天门冬氨酸酯与脂肪族异氰酸酯配制的涂料，特别适用于常规喷涂聚脲弹性体装饰面漆，还适用于工业厂房地坪和运动场地地坪以及道路标志漆的制备。
UNIPU XYlink P-1000	聚四氢呋喃醚二醇双（对氨基苯甲酸酯） Polytetramethyleneglycolbis(4-aminobenzoate)	1230		54667-43-5		As a liquid, XYlink P-1000 could be used as chain extender for both TDI and MDI system; XYlink P-1000 could also be applied as the flexibility modifier for epoxide resin. The application areas include casting, coating, adhesive agent, sealing agent and spray finishing. XYlink P-1000为液体，可作为TDI和MDI体系的扩链剂，也可作为环氧树脂固化体系的柔性改性剂。应用领域包括浇注、涂料、黏合剂、密封剂和喷涂体系。
UNIPU ML-200	3-氯—3'—乙基—4，4'—二氨基二苯甲烷 4,4'-diamino-3-ethyl-3'-chlorodiphenylmethane	260.8	55347-69-8			ML-200 is mainly used as chain extender or curing agent for TDI system to produce polyurethane-polyurea elastomer products and mostly casting polyurethane elastomers. It could also be used as curing agent for epoxy resin and PU coating, PU adhesive, PU sealant, micropore elastomers and polyurea spray-painting materials. ML-200主要用作TDI系列聚氨酯-聚脲弹性体制品的扩链剂/固化剂，也可作为聚氨酯涂料、胶粘剂、密封剂、微孔弹性体、聚脲喷涂材料等的固化剂使用。本品也是环氧树脂的优良固化剂。