

### Comparison Table of Silane Coupling Agent Product Series

| Type               | Grade                      | Products Name                          | CAS NO     | International Brand for reference |         |        |          |           |
|--------------------|----------------------------|--|------------|-----------------------------------|---------|--------|----------|-----------|
|                    |                            |  |            | Wacker                            | Dow     | Evonik | ShinEtsu | Momentive |
| Hydrosilane        | EB-102                     | Trimethoxysilane                       | 2487-90-3  |                                   |         |        |          |           |
| Chloropropylsilane | EB-201                     | 3-Chloropropyltrichlorosilane          | 2550-06-3  | GF82                              | Z -6041 | GLYEO  | KBE-403  |           |
|                    | EB-202                     | 3-Chloropropyltriethoxysilane          | 5089-70-3  |                                   |         |        |          |           |
|                    | EB-203                     | (3-Chloropropyl)trimethoxysilane       | 2530-87-2  |                                   |         |        |          |           |
|                    | EB-205                     | 3-Chloropropyl dimethoxymethylsilane   | 18171-14-7 |                                   |         |        |          |           |
| Alkylsilane        | EB-103                     | Methyltrimethoxysilane                 | 1185-55-3  |                                   | Z-6070  |        | KBM-13   | A-163     |
|                    | EB-106                     | Methyltriethoxysilane                  | 2031-67-6  |                                   |         |        |          |           |
|                    | EB-301                     | Trimethoxypropylsilane                 | 1067-25-0  |                                   | Z-6265  |        | KBM-3033 | A-1630    |
|                    | EB-302                     | propyltriethoxysilane                  | 2550-02-9  |                                   |         |        |          |           |
|                    | A-137                      | Triethoxyoctylsilane                   | 2943-75-1  |                                   | Z-6341  |        |          | A-137     |
|                    | EB-538                     | Triethoxy(2,4,4-trimethylpentyl)silane | 35435-21-3 |                                   |         |        |          |           |
|                    | EB-802                     | Trimethoxyoctylsilane                  | 3069-40-7  |                                   |         |        |          |           |
|                    | EB-101                     | Trimethylmethoxysilane                 | 1825-61-2  |                                   |         |        |          |           |
|                    | EB-306                     | n-Propylmethyl dimethoxysilane         | 18173-73-4 |                                   |         |        |          |           |
| EB-833             | Trimethylsopropenoxysilane | 1833-53-0                              |            |                                   |         |        |          |           |
| Orthosilicate      | Si-40                      | Silicic acid, ethyl ester              | 11099-06-2 |                                   |         |        |          |           |
|                    | EB-501                     | Tetramethoxysilane                     | 681-84-5   |                                   |         |        |          |           |
|                    | EB-502                     | Tetraethyl orthosilicate               | 78-10-4    |                                   |         |        |          |           |
|                    | EB-503                     | Tetrapropoxysilane                     | 682-01-9   |                                   |         |        |          |           |

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| Sulfursilane | Si-264  | 3-Thiocyanatopropyltriethoxysilane                  | 34708-08-2 |       | Z-6062        |       | KBE-803  | A-189       |
|              | Si-69   | Bis[3-(triethoxysilyl)propyl]tetrasulfide           | 40372-72-3 |       | Z-6940        | Si69  | KBE-846  | A-1289      |
|              | Si-75   | Bis[3-(triethoxysilyl)propyl]disulfide              | 56706-10-6 |       | Z-6920        | Si75  | KBE-886B | A-1589      |
|              | KH-580  | 3-Mercaptopropyltrimethoxysilane                    | 4420-74-0  | GF 70 | Z-6062        | MTMO  | KBM-803  | A-189       |
|              | KH-590  | 3-Mercaptopropyltriethoxysilane                     | 14814-09-6 |       | Z-6911        | Si263 | KBE-803  | A-1891      |
| Aminosilane  | KH-540  | 3-Aminopropyltrimethoxysilane                       | 13822-56-5 |       | Z-6610        | AMMO  | KBM-903  | A-1110      |
|              | KH-550  | 3-Aminopropyltriethoxysilane                        | 919-30-2   | GF 93 | Z-6011        | AMEO  | KBE-903  | A-1100      |
|              | KH-602  | N-(2-Aminoethyl)-3-aminopropylmethyldimethoxysilane | 3069-29-2  | GF 95 | Z-6436/Z-6023 | 1411  | KBM-602  | A-2120      |
|              | KH-792  | N-(2-Aminoethyl)-3-aminopropyltrimethoxysilane      | 1760-24-3  | GF 91 | Z-6020        | DAMO  | KBM-603  | A-1120(98%) |
|              | EB-1146 | Diaminosilane oligomer                              | NA         |       |               | 1146  |          |             |
|              | EB-1170 | Bis[3-(trimethoxysilyl)propyl]amine                 | 82985-35-1 |       |               | 1124  |          | A-1170      |
|              | EB-1122 | Bis[3-(triethoxysilyl)propyl]amine                  | 13497-18-2 |       |               | 1122  |          |             |
|              | EB-1189 | N-(n-Butyl)-3-aminopropyltrimethoxysilane           | 31024-56-3 |       |               | 1189  |          |             |
|              | EB-573  | N-[3-(Trimethoxysilyl)propyl]anilin                 | 3068-76-6  |       | SZ-6083       |       | KBM-573  | Y-9669      |
| Phenylsilane | EB-31   | Phenyltrimethoxysilane                              | 2996-92-1  | XL70  | Z-6124        | 9165  | KBM-103  | A-153       |

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|                    | EB-32   | Phenyltriethoxysilane                                   | 780-69-8   | P-TRI<br>ETHOXZ-9805<br>Y | 9265     | KBE-103 |           |          |
|                    | EB-602  | Dimethoxy(methyl)(phenyl)silane                         | 3027-21-2  |                           |          |         |           |          |
|                    | EB-6202 | Diphenyldimethoxysilane                                 | 6843-66-9  |                           | AY43-047 | 6010    | KBM-202SS |          |
| Acyloxysilane      | KH-570  | 3-Methacryloyloxypropyltrimethoxysilane                 | 2530-85-0  | GF 31                     | Z-6030   | MEMO    | KBM-503   | A-174    |
|                    | A-176   | 3-Acryloxypropyltrimethoxysilane                        | 4369-14-6  |                           |          |         |           |          |
| Epoxy silane       | KH-560  | 3-Glycidyloxypropyltrimethoxysilane                     | 2530-83-8  | GF 80                     | Z-6040   | GLYMO   | KBM-403   | A-187    |
|                    | A-186   | $\beta$ -(3,4-epoxy cyclohexane) ethyl trimethoxysilane | 3388-04-3  |                           |          |         | KBE-303   | A-186    |
| Vinylsilane        | KH-151  | Vinyltriethoxysilane                                    | 78-08-0    | GF 56                     | Z-6518   | VTEO    | KBE-1003  | A-151    |
|                    | KH-171  | Vinyltrimethoxysilane                                   | 2768-02-7  | XL 10                     | Z-6300   | VTMO    | KBM-1003  | A-171    |
|                    | KH-172  | Vinyltris(2-methoxyethoxy)silane                        | 1067-53-4  | GF 58                     | Z-6172   | VTMOEO  | KBC-1003  | A-172    |
| Isocyanate silane  | A-597   | 1,3,5-Tris(trimethoxysilylpropyl) isocyanurate          | 26115-70-8 |                           |          |         |           | A-597    |
|                    | EB-35   | 3-Isocyanatopropyltrimethoxysilane                      | 15396-00-6 | GF40                      |          |         |           | A-LINK35 |
|                    | EB-25   | 3-Isocyanatopropyltriethoxysilane                       | 24801-88-5 |                           |          |         |           | A-LINK25 |
| Crosslinking Agent | Ep-10   | Methyltriacetoxysilane                                  | 4253-34-3  |                           |          |         |           |          |
|                    | Ep-15   | Ethyltriacetoxysilane                                   | 17689-77-9 |                           |          |         |           |          |

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|               | Ep-16   | Propyltriacetoxysilane            | 17865-07-5 |      |               |  |         |        |
|               | Ep-26   | 1,2-Bis(trimethoxysilyl)ethane    | 18406-41-2 |      |               |  |         |        |
|               | Ep-27   | 1,2-Bis(triethoxysilyl)ethane     | 16068-37-4 |      |               |  |         |        |
| Ureido Silane | A-1524  | 3-Ureidopropyltrimethoxysilane    | 23843-64-3 | GF98 |               |  | KBE-803 | A-1524 |
|               | A-1160  | 3-Ureidopropyltriethoxysilane     | 23779-32-0 |      |               |  |         | A-1160 |
| Benzyl silane | KH-559  | Trifluoromethanesulfonicanhydride | 34937-00-3 |      | Z-6032/Z-6224 |  | KBM-575 |        |
| Silazane      | EB -999 | Hexamethyldisilazane              | 999-97-3   |      |               |  |         |        |
| Silicone      | EB-107  | Hexamethyldisiloxane              | 107-46-0   |      |               |  |         |        |
|               | EB-187  | Heptamethyltrisiloxane            | 1873-88-7  |      |               |  |         |        |