

PhosphonicS has more than 10 years' experience in the development, manufacture and implementation of functionalised silica for the removal and recovery of metals from industrial processes. Using PhosphonicS' products, an optimised scavenging process is more economical than you might think.

Our products will remove most metals, enabling you to meet the regulatory requirements, recover the value of precious metals from your process or remove toxic metals from your waste stream.

Product Name	Code	Name
SPM32	SS157054	3-Mercaptopropyl ethyl sulphide silica
SEM26	SS157306	2- Mercaptoethyl ethyl sulphide silica
MTCf	SM157308	Methyl thiourea ethyl sulfide ethyl silica
SPA5	SS157310	Pentaamine ethyl sulfide amide silica
SEA	SS157311	2-Aminoethyl sulphide ethyl silica
PEP-13	SP158296	Aminoalkyl, mercapto alkyl silica

Table 1: Products for purification by metal removal

Product Name	Code	Name
Phos-01	SP157291	Mercaptoalkyl 2 functionalised silica
Phos-02	SP157292	Aminoalkyl 3 functionalised silica
Phos-03	SP157295	Aminoalkyl 1 functionalised silica
Phos-04	SP156867	Mercaptoalkyl 1 functionalised silica
Phos-05	SP157293	Mercaptoalkyl 4 functionalised silica
Phos-06	SP157294	Alkyl thiourea functionalised silica
Phos-07	SP157303	Sulfonic acid alkyl silica
Phos-08	SP157299	Amino thiourea alkyl silica
Phos-09	SP157301	Amino mercapto phosphonic acid silica
Phos-10	SP157486	Alkyl phosphonic acid functionalised silica
Phos-11	SP157302	Amino mercapto alkyl silica

Table 2: Products for metal recovery

Product Name	Code	Name
Phos-Cat1	CP156871	Ethyl/butyl phosphonic acid silica
Phos-Cat4	CP157288	Alkyl sulfonic acid silica

Table 3: Products for catalysis

Contact us for a sample and expert advice on metal removal