product list

ADDITIVES
FOR
Specialty Chemistry Formulations PER FUNCTION

YOUR ADVANCED SOLUTIONS PARTNER
Additives for Specialty Chemistry Formulations

- Defoamer  	Moussex®, Modarez®
- Rheology modifier  	Synthro®-Thix and Prox®
- Dispersing agent & Surfactant  	Prox®, Surfaron®, Synthro®-Pon
- Stabilizer, pH buffer  	Synthro®-Stab
- Flame retardant  	Synthro®-Nyl
- Adhesion Promoters  	Chartwell
- Corrosion inhibitor  	Synthro®-Cor
- Sequestring agent  	Masquol®
- Waxes and Water Repellent  	Synthro®-Wax, Synthro®-Pel
- Odour masking  	Masquoder®
- Scavenger  	Synthro®-Stab TF, DS
Resins for water borne formulations

- Acrylic copolymer emulsion (Anionic, Non ionic and Cationic) Prox® AM Serie
- Cross linker
- Polyurethane and Epoxy in dispersion Prox® R, EB Serie

S Suitable for solvent based formulation
P Suitable for powder formulation
W Suitable for water based formulation
S/W Suitable for solvent and water based formulation
## DEFOAMER

### POLYSILOXANE BASED DEFOAMERS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W S Moussex® 9149 SE</td>
<td>Non-ionic modified polysiloxane emulsion based defoamer for water-based systems, easy to incorporate and very efficient flash effect</td>
</tr>
<tr>
<td>W S Moussex® 9138 SE, 9136 SE</td>
<td>Non-ionic modified polysiloxane emulsion based defoamers for water-based systems, easy to incorporate and recommended for high pH formulation (alkaline)</td>
</tr>
<tr>
<td>W S Moussex® 9092 SE</td>
<td>Non-ionic modified polysiloxane emulsion based defoamer for water-based systems, easy to incorporate</td>
</tr>
<tr>
<td>W S Moussex® 904 SE, 910 SE and 920 SE</td>
<td>Non-ionic polysiloxane emulsion based defoamers for waterborne systems</td>
</tr>
<tr>
<td>W S Moussex® 8044 SE</td>
<td>Self-emulsifying modified polysiloxane based defoamer for water-based systems, easy to incorporate under high shear conditions</td>
</tr>
<tr>
<td>S S Moussex® 388 SL</td>
<td>Concentrated non-ionic polysiloxane based defoamer for solvent and solvent-free formulations</td>
</tr>
<tr>
<td>S S Moussex® 397 SL</td>
<td>Concentrated non-ionic polysiloxane based defoamer for solvent and solvent-free formulations</td>
</tr>
<tr>
<td>S S Moussex® S 667</td>
<td>Non-ionic polysiloxane based defoamer for solventless formulations, as 1K, 2K polyurethane, epoxy or acrylic system</td>
</tr>
<tr>
<td>P P Moussex® 319 SP</td>
<td>Non-ionic polysiloxane based defoamer for powder formulations in construction or others</td>
</tr>
</tbody>
</table>

### OIL BASED DEFOAMERS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W W Moussex® 9032 CL</td>
<td>Mineral and vegetable oils based defoamer with very good stability and compatibility suitable for the manufacturing of fertilizer, food derivatives products</td>
</tr>
<tr>
<td>W W Moussex® 7134 HE</td>
<td>Non-ionic mineral oil emulsion based defoamer for water-based formulation. Highly efficient and good incorporation</td>
</tr>
<tr>
<td>W W Moussex® 7143 HE-V</td>
<td>Non-ionic vegetable oil emulsion based defoamer for water-borne systems. Particularly suitable for styrene butadiene, styrene-acrylic and acrylic based lattices</td>
</tr>
<tr>
<td>W W Moussex® 7141 HL-V</td>
<td>Concentrated non-ionic vegetable oil based defoamer for water-borne systems and good incorporation</td>
</tr>
<tr>
<td>S/W W Moussex® 7114 HL</td>
<td>Concentrated non-ionic mineral oil based defoamer suitable for degreasing formulation where silicone defoamers are prohibited, effective at pH above 10</td>
</tr>
<tr>
<td>S/W W Moussex® 733 HL</td>
<td>Concentrated non-ionic mineral oil based defoamer</td>
</tr>
<tr>
<td>S/W W Moussex® 3130 HL</td>
<td>Concentrated mineral oil based defoamer specially developed for the manufacturing of adhesives and other water based formulations</td>
</tr>
</tbody>
</table>
### OTHER DEFOAMERS

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Moussex® 3031 HPF</td>
<td>Powerful de-aerating agent especially dedicated for mortar, concrete and plaster with good surface aspect</td>
</tr>
<tr>
<td>P</td>
<td>Moussex® 3032 HPF</td>
<td>Powerful de-aerating agent especially dedicated for mortar, concrete and plaster with good surface aspect. Contact with drinkable water</td>
</tr>
<tr>
<td>S</td>
<td>Moussex® 561 PL</td>
<td>Concentrated Phosphoric ester defoamer suitable for clear Epoxy or PU formulations</td>
</tr>
<tr>
<td>S</td>
<td>Modarez® MFP P40</td>
<td>Acrylic defoamer and degasing agent for mineral oil lubricant</td>
</tr>
<tr>
<td>S</td>
<td>Modarez® MFO 60 S N</td>
<td>Acrylic defoamer and degasing agent for mineral oil lubricant</td>
</tr>
<tr>
<td>S</td>
<td>Modarez® MFP P 340</td>
<td>Acrylic defoamer and degasing agent for mineral and synthetic oil lubricant</td>
</tr>
<tr>
<td></td>
<td><strong>NEW</strong></td>
<td></td>
</tr>
</tbody>
</table>
RHEOLOGY MODIFIERS

W  Prox® A 300  Pre-neutralized polyacrylate polymer thickener suitable for pseudo-plastic profile

W  Prox® A 003  Pre-neutralized polyacrylate polymer thickener suitable for pseudo-plastic profile

W  Synthro®-Thix 618 NEW  Alkali Swelable Emulsion (ASE) thickener for both anti-settling and anti-sagging requirements

W  Synthro®-Thix 608 NEW  Hydrophobic Alkali Swelable Emulsion (HASE) thickener with very strong associative behaviour and pseudo-plastic viscosity profile for both anti-settling and anti-sagging requirements

W  Synthro®-Thix 633 NEW  Very effective Hydrophobic Alkali Swelable Emulsion (HASE) thickener in high surfactant and/or high electrolyte content formulation. Very strong associative behaviour and pseudo-plastic viscosity profile for both anti-settling and anti-sagging requirements

S  Synthro®-Thix 906 S  Liquid rheological additive for solvent-based systems from low to high polarity medium. Strong anti-sagging properties and easy to incorporate.

S  Synthro®-Thix 905 S NEW  NMP free version of the Synthro®-thix 906 S.
DISPERSING and SURFACTANT AGENTS

DISPERSING AGENTS

W Prox® B 03
Dispensing agent for inorganic fillers in water-based systems. Polyacrylate ammonium salt with strong deflocculating characteristics

W Prox® A 11
Dispensing agent for inorganic fillers in water-based systems. Polyacrylate sodium salt with excellent stability and no foam stabilisation

P/W Surfaron® A 1530 N100
Powerful dispensing agent in powder for highly concentrated aqueous suspensions based Poly alkyl Naphthalene Sulfonate

W Synthron®-Pon W 578 NEW
Polymeric and wetting dispersing agent for concentrated suspension of inorganic fillers

S Synthron®-Pon DB 50
Dispensing agent for solvent-based and Sovent-free system.

S Synthron®-Pon S 656 NEW
Polymeric and wetting dispersing agent for mineral fillers (TiO₂, ATH, CaCO₃) in solvent based systems. 100% active matter.

SURFACTANT, EMULSIFIER

S Surfaron® 6 TD and 9 TD
6 EO and 9 EO tridecyl phosphoric ester surfactant with good emulsifying, dispersing anticorrosion and anti-static properties

W Surfaron® 9 TDK
9 EO tridecyl phosphoric ester neutralized for water solubility

S/W Actiron AT2
High efficiency wetting agent on difficult substrate. Interesting synergy with surfactant to accelerate the wetting.

W Surfaron® A 6120 N 75 NEW
Sodium sulforicinate. Ecocert certified product

W Modarez® SW 452 NEW
Low molecular weight organically modified polysiloxane based substrate wetting agent for water-borne systems

W Synthro®-SOL DOS
Anionic wetting agent with good biodegradability

W Modarez®X 840
Non-ionic surfactant with excellent solubility in water and light defoaming power,

W Synthro®-Pon LFW
Wetting agent for detergentcy showing low foaming, good anticorrosion properties and high pH stability (alkaline medium)
## STABILIZERS and SCAVENGERS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>W</strong> Synthro®-Stab 25 B</td>
<td>VOC-Free, pH buffer additive for water based paints. Odourless pH stabilizing agent. Dispersing and corrosion inhibition properties</td>
</tr>
<tr>
<td><strong>W</strong> Synthro®-Stab TF 501</td>
<td>Liquid scavenger additive for the neutralization of aldehyde VOC (including formaldehyde) in the indoor air quality improvement applications compatible with a wide variety of substrates: plasterboard, ceiling tiles, insulation or wood panels, media filters</td>
</tr>
<tr>
<td><strong>W</strong> Synthro®-Stab TF 278 <strong>NEW</strong></td>
<td>Liquid scavenger additive for the neutralization of aldehyde VOC (formaldehyde + acetaldehyde) in the indoor air quality improvement applications compatible with a wide variety of substrates</td>
</tr>
<tr>
<td><strong>P/W</strong> Synthron® DS 494</td>
<td>Powder mercaptan and hydrogen sulfur scavenger</td>
</tr>
<tr>
<td><strong>W</strong> Synthron® DS 451</td>
<td>Liquid mercaptan and hydrogen sulfure scavenger</td>
</tr>
<tr>
<td><strong>W</strong> Synthron® DS 644</td>
<td>Liquid mercaptan and hydrogen sulfure scavenger</td>
</tr>
</tbody>
</table>
FLAME RETARDANTS

W Synthro®-Nyl NSP 917 S
Halogen, Bromide and Boron-free liquid flame retardant based on low emission modified Ammonium PolyPhosphate solution for natural substrate fire retardant treatment

W Synthro®-Nyl SNP 1813 S
Halogen, Bromide and Boron-free liquid flame retardant based on low emission Ammonium PolyPhosphate solution for natural substrate fire retardant treatment

W Synthro®-Nyl SN 2017 S
NEW
Halogen, Bromide and Boron free liquid flame retardant based on nitrogen-sulfur compounds. Ammonium free.

W Synthro®-Nyl NP 2720 S
NEW
Ammonium free liquid flame retardant based on organo-phosphorus compounds. No negative influence on the mechanicals and on the hygroscopy properties of the substrate
ADHESION PROMOTERS and COUPLING AGENT

- **Chartwell B-515.71 W**
  - NEW
  - VOC-free amino functional adhesion promoter supplied in aqueous form. Recommended for a wide range of formulations containing waterbased binders.

- **Chartwell B-515.71 WM**
  - NEW
  - VOC-free adhesion promoter for waterbased formulation. Low cost product.

- **Chartwell C-515.71HR**
  - S/W
  - NEW
  - Amino functional adhesion promoter suitable for solvent-borne and water-borne formulation. Specially dedicated for PU and Epoxy system.

- **Chartwell C-515.72HRX**
  - S/W
  - NEW

- **Chartwell B-516.71 HRW**
  - NEW
  - VOC-free diamino functional adhesion promoters supplied in aqueous form.

- **Chartwell C-523.2H**
  - S/W
  - NEW
  - Hybrid carboxy/hydroxyl functional adhesion promoters.

- **Chartwell D-535.1**
  - S
  - NEW
  - Hydrocarbon functional adhesion promoters. Also act as coupling agent and dispersing agent for pigment.

- **Chartwell C-505.1/2H**
  - S
  - NEW
  - High solid content mercapto functional adhesion promoter. Suitable for vulcanisation process.

- **Chartwell C-600**
  - S
  - NEW
  - Mercapto functional adhesion promoter. Suitable for vulcanisation process.
### CORROSION INHIBITOR

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthro®-Cor C E 660 B NEW</td>
<td>Nitrite and borate free anti-flash rust additive. Very active in liquid phase</td>
</tr>
<tr>
<td>Diisobutyl Phosphoric Acid</td>
<td>Corrosion inhibitor, base for antistatic or antiwear agents</td>
</tr>
<tr>
<td>2 Ethyl Hexyl Phosphoric Acid</td>
<td>Corrosion inhibitor, base for antistatic or antiwear agents</td>
</tr>
<tr>
<td>Synthro®-Cor E V B</td>
<td>Anti-corrosion additive for waterborne product. Also efficient in vapour phase</td>
</tr>
</tbody>
</table>

### SEQUESTRING AGENT

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Masquol® GHN 40 NEW</td>
<td>High concentrated solution of sodium glucoheptonate at 40%. Ecocert certified product</td>
</tr>
<tr>
<td>Masquol® P 55-32</td>
<td>Specific synergy of phosphonic acid. Good anticorrosive property.</td>
</tr>
<tr>
<td>Masquol® A 150-40N</td>
<td>Sodium polyacrylate sequestering agent</td>
</tr>
</tbody>
</table>
### WAXES and WATER REPELLENT ADDITIVES

| W | Prox<sup>®</sup>-Amine PNK | Non-ionic emulsion of paraffin |
| W | Synthro<sup>®</sup>-Pel WA 491 | Water repellent agent based on wax modified poly-acrylate hybrid emulsion |
| W | Synthro<sup>®</sup>-Wax PM Serie | Dispersion of modified paraffin |
| W | Synthro<sup>®</sup>-Wax PE-L Serie | Low density polyethylene dispersion |
| W | Synthro<sup>®</sup>-Wax PE-D Serie | High density polyethylene dispersion |
| W | Synthro<sup>®</sup>-Wax N-C 402 D | Carnauba wax dispersion |
### BINDERS

#### ACRYLIC BINDERS

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W Prox® AM 157</td>
<td>Acrylic resin in emulsion for fast drying films at low temperature. Provides hard but flexible films with good solvent resistance</td>
<td></td>
</tr>
<tr>
<td>W Prox® AM 185 RS</td>
<td>Acrylic resin in emulsion for industrial coatings on metals. Resistant to solvents</td>
<td></td>
</tr>
<tr>
<td>W Prox® AM 219 RG N</td>
<td>Cationic acrylic co-polymer emulsion for coatings, fibreglass. Provides soft effect</td>
<td></td>
</tr>
<tr>
<td>W Prox® AM 270 R</td>
<td>Cationic acrylic co-polymer emulsion for coatings, fibreglass. Increased hardness</td>
<td></td>
</tr>
<tr>
<td>W Prox® AM 355 G</td>
<td>Non ionic acrylic co-polymer emulsion resin.</td>
<td></td>
</tr>
<tr>
<td>W Prox® SBP 604</td>
<td>Cationic binder especially designed for stain blocking formulations</td>
<td></td>
</tr>
<tr>
<td>W Synthron® VB 264</td>
<td>Anionic acrylic resin as temporary binder for large ceramic parts</td>
<td></td>
</tr>
<tr>
<td>W Prox® AMB 328 G</td>
<td>Aqueous emulsion of a vinyl-acrylic copolymer which forms a flexible film suitable for dust free seed coating application</td>
<td></td>
</tr>
<tr>
<td>W Prox® AMS 169</td>
<td>Carboxylated non-ionic styrene acrylic copolymer emulsion. Produces a hard and glossy film, with high brightness. Cross linker for epoxy</td>
<td></td>
</tr>
<tr>
<td>W Prox® 25649 QS NEW</td>
<td>Quick drying additive for external render formulation based on anionic binders</td>
<td></td>
</tr>
</tbody>
</table>

#### CROSS LINKER

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W Prox® M3M</td>
<td>Low formaldehyde content modified melamine aqueous emulsion resin</td>
<td></td>
</tr>
<tr>
<td>W Prox® M3M LF</td>
<td>Ultra-low formaldehyde content (&lt;0.1%) modified melamine aqueous emulsion resin</td>
<td></td>
</tr>
<tr>
<td>W Prox® EB 9913C</td>
<td>Epoxy waterborne dispersion</td>
<td></td>
</tr>
<tr>
<td>W Synthron®-Cat Z NEW</td>
<td>Crosslinking agent alternative to melamine or other crosslinkers active on hydroxyl or carboxyl functions at room temperature</td>
<td></td>
</tr>
</tbody>
</table>

#### POLYURETHANE

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W Prox® R 908</td>
<td>PU dispersion which gives a colorless glossy film. Excellent balance between hardness/flexibility and abrasion resistance. Good adhesion on plastics, metals, fiber glass. NMP and DMF free</td>
<td></td>
</tr>
</tbody>
</table>
### ODOR MASKING

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Masquodor®</td>
<td>Range of specifically developed oil soluble odor masking agents to mask unwanted odors.</td>
</tr>
<tr>
<td>W</td>
<td>Masquodor® H</td>
<td>Range of specifically developed water soluble odor masking agents to mask unwanted odors</td>
</tr>
<tr>
<td>P</td>
<td>Masquodor®</td>
<td>Range of specifically developed powder odor masking agents</td>
</tr>
<tr>
<td>Country</td>
<td>Contact Information</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>---------------------</td>
<td></td>
</tr>
</tbody>
</table>
| AUSTRIA     | PROTEx Warenhandelsges M.B.H Postmaster Mail  
              A-1030 Wien  
              Tel: (43) 01 73 93 864  
              postmaster@protex-international.com |
| BELGIUM     | PROTEBEL Postmaster@protex-international.com |
| DENMARK     | PROX KEMI APS Postmaster@protex-international.com |
| FRANCE      | SYNTHRON  
              6, rue Barbès  
              CS80050  
              92532 Levallois-Paris  
              Tel: 33 (0) 1 41 34 14 00  
              Fax: 33 (0) 1 41 34 14 16  
              postmaster@protex-international.com |
| GERMANY     | PROTEX EXTROSA  
              D-79504 LÖRRACH  
              Tel: (49) 07621/84772  
              Fax: (49) 0762/12429  
              postmaster@protex-international.com |
| ITALY       | PROX-ITALIA PRODOTTI CHIMICI Srl Via Alfonso Casati, 49  
              Arcore (MI)  
              Tel: (39) 039 601 21 75  
              Fax: (39) 039 618 83 69  
              proxitalia@proxitalia.it |
| NETHERLANDS | PROTEX NEDERLAND BV Postmaster@protex-international.com |
| PORTUGAL    | PROX LDA  
              4470 MAIA  
              Tel: (351) 22 9415019  
              Fax: (351) 22 9415022  
              contabilidade@prox.pt |
| UNITED KINGDOM | PROTEX CHEMICALS Ltd  
              Howley Park Road East,  
              Morley, Leeds, LS 27 OSW  
              Tel: (44) 0113 238 3222  
              Fax: (44) 0113 238 3111  
              sales@protexchemicals.com |
| SPAIN       | QUIMOPROX S.L.  
              08187 Santa Eulalia de Roncana  
              (Barcelona)  
              Tel.: (34) 93 844 66 94  
              Fax: (34) 93 844 77 37  
              quimoprox@quimoprox.com |
| SWEDEN      | PROTEx Sverige AB Goteborg  
              Tel: (46) 0531-10314  
              Fax: (46) 0531-10314 |
| SWITZERLAND | PROTEx-Chimie S.A. Birkenstrasse 49  
              6343 RÖTKREUZ (CH)  
              Tel: (41) 061-302 0066  
              Fax: (41) 061-302 0076 |
| USA         | PROX-CHEM AMERICA Inc.  
              ADRESE MACE  
              38 Roberts Road  
              Dudley, MA 01571  
              Tel: (1) 508-943-9052  
              www.proxcheminc.com |
| BRAZIL      | PROX DO BRASIL PRODUTOS DO QUIMICOS LDA  
              Gaspar, Santa Catarina,  
              Bairro Belchior Baixo – Rodovia BR-470  
              www.proxdobrasil.com.br |
| HONG-KONG   | PROX-ASIA Ltd  
              48-56 Wang Lung Street - Tsuen Wan,  
              N.T., HONG KONG  
              Tel: (852) 2407 5699  
              Fax: (852) 2406 7185  
              proxasia@netvigator.com |
| THAILAND    | THAIProx L.t. Klongtoey – BANGKOK 10110  
              Tel: (66) 2 254-9562 / 656-9568-9  
              Fax: (66) 2 254-9563  
              Lertlitt@thaiprox.com |
| SOUTH KOREA | PROTEx KOREA Co Ltd  
              661-32 - YEOKSAM-DONG-  
              GANGNAM-GU, SEOUL,  
              135-080  
              Tel: (82) 02/3453 8213  
              Fax: (82) 02/3453 8082  
              yklee@protexkorea.co.kr |
| INDONESIA   | PT PRODIAN CHEMICALS  
              BANDUNG - WEST JAVA 40222  
              Tel: (62) 22 594 5628  
              Fax: (62) 22 594 5626 / 27  
              prodian@bdg.centrin.net.id |
| CHINA       | SINO-PROX CHEMICALS GAOYAO Ltd  
              Guangdong - 526 100  
              Tel: (86) 758 836 1055 - (86) 758 836  
              1156  Fax: (86) 758 836 1052  
              sinoprox@pub.zhaqing.gd.cn |
| TAIWAN      | HERZER CO LTD  
              2FL., No. 131 YANSHOU ST.  
              Sungshan Chu, TAIPEI 105 TAIWAN  
              Tel: (886) 02 3765 2789  
              Fax: (886) 02 3765 2788  
              hz6868@ms32.hinet.net |

www.synthron.com
6, rue Barbès – CS80050 – 92532 LEVALLOIS-PARIS cedex (France)
Phone: + 33 (0) 141341400 Fax: + 33 (0) 141341416 e-mail: postmaster@protex-international.com