

PRODUCTNAME	APPLICATIONS	SPECIAL FEATURES
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Antioxidant for carbon double-bonds

POLYGONAL X-G NEW	<p>Chelates metal-ions (like Fe-II/Fe-III, Cu-II, Ni-II) which are catalyzing the oxidation of double-bonds (C=C) and thus prevents unwanted jellification of UV-curable components or the oxidation of unsaturated compounds.</p>	<ul style="list-style-type: none"> - temperature resistant - dosage: 40 – 400ppm - protects UV-inks, UV-Injekt and 3D-UV-systems - for waterbased and water-free systems
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UV-stabilizers (for solvent-based)

POLYGONAL HPT-400 NEW	<p>High performance hydroxyphenyltriazine based UV-absorber for high-performance coatings, like:</p> <ul style="list-style-type: none"> - wood-coating for outdoor applications, - automotive- and vehicle-coatings, - industrial coatings for plastics and metals and - construction-adhesives and sealants <p>Can be used in combination with HALS-stabilizers, like POLYGONAL LS-123, POLYGONAL LS-292 or with UV-absorber POLYGONAL UV-1130.</p>	<ul style="list-style-type: none"> - contains approx. 15% methoxypropylalcohol - high UV-absorption, also in the UV-B range - light colour and low migration - high photostability with long-term protective effect - high thermal stability; also suitable for baking enamels - not on the SVHC-candidate list (unlike some benzotriazoles)
POLYGONAL UV-1130 NEW	<p>Highly effective hydroxyphenyl-benzotriazole, liquid UV absorber for:</p> <ul style="list-style-type: none"> - Solvent-based and aqueous coatings - Automotive coatings - Industrial coatings <p>Can also be used in combination with HALS stabilizers such as POLYGONAL LS-123 or LS-292.</p>	<ul style="list-style-type: none"> - contains approx. 12% poly(ethyleneglycol) 300 - high thermal stability - high photostability

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POLYGONAL LS-123 NEW	Liquid , hindered amine light stabilizer (HALS) of the type N-OR for: - Acrylics, sealants, adhesives, rubber, toughness-modified polyolefin blends (TPE, TPO), vinyl polymers (PVC, PVB), PP and unsaturated polyesters	- low alkalinity, and therefore prevents interactions with acidic paint components like, for example catalysts - prevents cracking and loss of gloss in clear coats - prevents chalking in pigmented coatings
POLYGONAL LS-292 NEW	Liquid , hindered amine light stabilizer (HALS) of the type N-CH ₃ : - PP, PE, styrenes, unsaturated polyesters, acrylates, vinyl polymers - elastomers, adhesives - sealants and coatings Can be used in combination with phenol and phosphite antioxidants and UV absorbers.	- the liquid form and solubility properties are suitable for coatings, printing inks and polyurethane coatings
POLYGONAL TEMPO-F	Flakes , HALS additive (water-soluble) prevents premature ageing, discoloration, and yellowing of lignin (wood component). Extending the service life of parquet, furniture, doors, panels, roofs, fences, windows, shingles, boats, piers and much more. For: - industrial and 'do-it-yourself' wood stains and glazes - clear lacquers and sealing lacquers for wood - protective wood varnishes (including antifouling) - impregnation of wood - wood waxes and polishes - NOT for UV-curing lacquers	- dust-free , in flake form - soluble in water - excellent inhibition of photooxidation of lignin - simple wood pre-treatment as aqueous dilution - melting point: ~70°C