

Maxguard™ Premium gelcoats for your premium products



ASHLAND®

With good chemistry great things happen.™



Maxguard NP

advanced performance with reduced emissions

Maxguard NP gelcoat gives you the high performance you expect from a Maxguard product: excellent yellowing and blistering resistance, minimal shrinkage, good transfer efficiency when spraying and easy application in the workshop.

Maxguard NP complies with the demanding standards set by such leading international classification societies as Lloyds' Register of Shipping and Det Norske Veritas.

Thanks to Ashland's patented Low Emission (LE) Technology, Maxguard NP reduces VOC application emissions by up to 50% compared to standard gelcoats.

Maxguard NP is setting the precedent in gelcoat performance.





Maxguard GN

premium protection in all weathers

Sailboats, motorboats and yachts coated with Maxguard GN keep looking their best in all weathers, withstanding the effects of sun, salt water and occasional rough handling.

Tests conducted by an independent laboratory show that Maxguard GN easily surpasses the demanding standards set by such leading international classification societies as Lloyds' Register of Shipping and Det Norske Veritas.

If you are a manufacturer of cultured marble washbasins or tabletops, the Maxguard GN clear gelcoat provides a hard and clear surface that will keep them lustrous over time. Wash basins coated with the Maxguard GN gelcoat comply with the American thermal shock test ANSI Z 124.3-86 for sanitary applications.

Maxguard GN gelcoat offers premium protection against the elements preserving the beautiful finish of your products for years and years to come.



Maxguard UV/SX

gelcoats with superior yellowing resistance

Every product used outdoors needs to be protected against the sun's damaging ultraviolet rays. Maxguard UV and Maxguard SX gelcoats are specifically formulated to block the sun's damaging rays, preventing surfaces from yellowing and fading. These gelcoats provide a finely tuned balance of hardness, mechanical strength, flexibility and stability under fluctuating temperatures.

With Maxguard UV/SX gelcoats, building facades, luxury mobile homes and yacht decks keep their beautiful finish with the passage of time. Colours stay rich, vibrant and youthful.

Maxguard UV and Maxguard SX gelcoats help preserve your beautiful finish for the long term.





Maxguard FR

**halogen-free fire retardance
and yellowing resistance**

In recent years, the transportation industry has devoted much effort to improving fire safety in railroad rolling stock. Polyester-based composites are central to this effort. They offer a number of advantages over other materials in manufacturing including better cost efficiency and are environmentally responsible.

Maxguard FR, a halogen-free gelcoat, is ideal for the new fire retardant composites. Being halogen-free, Maxguard FR does not generate smoke or toxic fumes if the combustion threshold of the polyester-based composite is exceeded.

Maxguard FR offers both good weather resistance and fire retardancy.

Maxguard SW

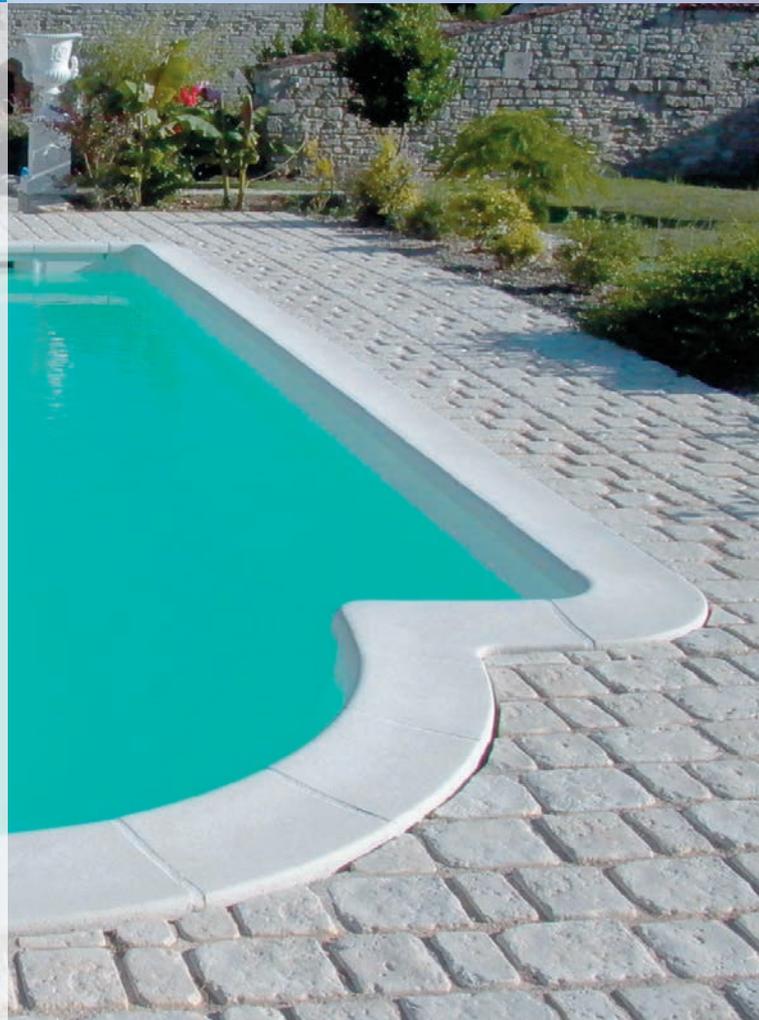
luxury with lasting durability

Maxguard SW gelcoat gives a smooth, luxury surface to fibreglass swimming pools. Maxguard SW used as a durable plastic surface can be cleaned and waxed to look like new.

Maxguard SW gelcoat has high resistance against water absorption and thus it effectively hinders the formation of blisters. Pigment selection and high quality give Maxguard SW gelcoat high UV and blushing resistance and high chemical resistance against chlorine attack.

Maxguard SW gelcoat is easy to spray and is formulated to reduce styrene emission during application in the workshop, which is the latest technology in fibreglass pool construction.

Maxguard SW gives luxurious beauty for your swimming pools.

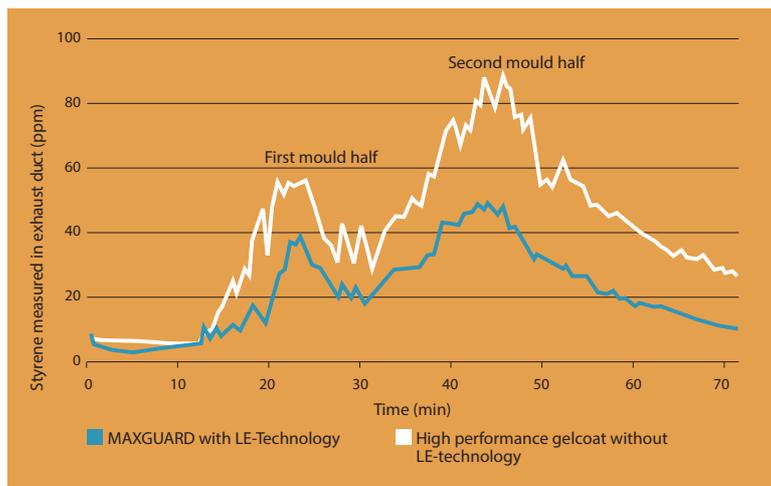


patented

the award-winning, patented, low emission technology in brief

Ashland has developed a unique unsaturated polyester-based polymer with extremely good styrene compatibility. Gelcoats with less than 30% total monomer content can be formulated using this award-winning technology. The rheology of the thixotropic system is improved and the outcome is an easily sprayable gelcoat. The unique polymer and the low monomer content reduce emission during spraying. Additionally, shrinkage is reduced, color and gloss retention are improved, and the final product has better cosmetics.

Industrial scale measurements of styrene emission during spraying of a 36-foot yacht



In 1999, Maxguard was voted most important gelcoat to the future success of the FRP industry. Today, Maxguard NP products represent about 40% of all gelcoat volume and in some market areas almost 100%.

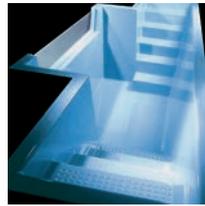
Our customers have been able to reduce styrene emissions and reduce material costs by choosing Maxguard. This has resulted in years of significant savings. Is it your turn now?

Start your future today!

Maxguard users say:



"The product works. It works good. I love Maxguard LE."



"One reason why we switched to Maxguard NP, was that it had the best performance."



"Now with the Maxguard LE gelcoat we've been using since last October, the yellowing seems to be a problem of the past."



"We achieve exceptionally good results by using the Maxguard NP gelcoat."



"To us, Maxguard NP gelcoat is the only low emission gelcoat that fulfills our quality criteria."



"We have been especially pleased with the way the Maxguard gelcoat has helped eliminate yellowing, a major concern in cultured marble."



"The nice thing is that switching to the Maxguard gelcoat was very easy for us, and prerelease and shrinkage problems are disappearing."



"Low shrinkage gives an excellent surface finish to our boats."



"Maxguard has done the job and yellowing is no longer a problem."



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Ashland Performance Materials



Ashland Performance Materials is the number one global leader in unsaturated polyester resins and vinyl ester resins. In addition, it provides customers with leading technologies in gelcoats, pressure-sensitive and structural adhesives.

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