

HISTORY...

One of the most difficult challenges scientists faced during America's conquest of space was how to protect re-entry vehicles from the harsh environments they would encounter.

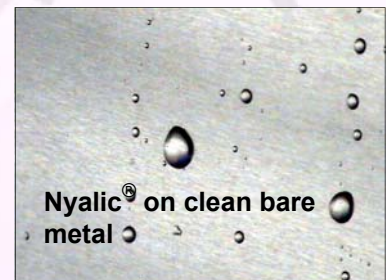
From the ultraviolet radiation and temperature extremes of outer space to the heat of re-entry to the corrosion of salt water splashdowns, no other vehicle in history had ever had to undergo such punishment.

This challenge became a NASA project in which over 300 compounds and coatings from many companies were benchmarked and tested. After many experiments to find the most durable and effective surface protectant for the environment, only one coating had met the criteria - One complex polymeric resin called **NYALIC®** (nigh AL ick).

With its unique formula, unlike any other surface coating in the world, Nyalic® possesses special characteristics which make it an ideal solution to the difficult protection problems of corrosion, ultraviolet radiation, and harsh environments. In fact, nothing on earth seems difficult by comparison to the problems Nyalic® solved for America's mission to the moon.

While the formula for Nyalic® is a closely guarded industrial secret, this much is known -

- Nyalic® is unlike any acrylic or polyurethane coating.
- **Nyalic® is the world's only coating formulated from a nylonic polymer.**
- It is as different from other acrylics or polyurethanes as steel is from wood.
- **Nyalic® comes as a crystal clear liquid. Its surface dries within twenty minutes to a crystal clear, smooth finish that is incredibly durable.**
- When applied as directed, Nyalic® is guaranteed by manufacturer warranty to never chalk, chip, crack, peel or yellow. It withstands many temperature extremes without degradation.
- **Application is either by spray, by hand application be it roller, foam brush or even with a lint free cloth.**
- Nyalic® has a consistency like water. Being self levelling and importantly self-annealing, a trained applicator can easily achieve a finished surface that is uniform, smooth and surprisingly beautiful.



NYALIC®

INDUSTRIAL

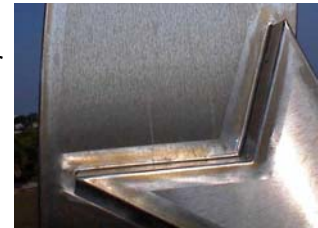
AUTOMOTIVE: Keeps RVs and campers looking like new. Ideal for use in our Australasian temperature environments. Protects both metal and alloys from oxidation and corrosion. Ideal as a clear coat for finished surfaces - restores faded fibreglass and painted finishes to a like new appearance making cleaning so much easier.



AVIATION: Provides metal surfaces, including aluminium, with effective, slippery and durable corrosion protection. Extremely durable and able to withstand the extreme temperature changes. Nyalic® will not chalk, chip, crack, peel or yellow and will restore an oxidized aircraft paint to a like new appearance. Prevents UV damage to fine aircraft finishes. Australian proven on VH FSI, VH DTX and others.



COMMERCIAL: Ideal for use on architectural finishes such as bronzed or anodized aluminium structures, even to statuary and decorative trim. Durability makes it especially suited for surface protection of materials in inaccessible locations. Nyalic® extends the life of a painted or anodized surface many fold.



COMPONENT MANUFACTURING: Nyalic® adds value to manufactured products by giving them oxidation and corrosion protection. Use it on such items as hinges, springs, liners, fasteners, wheels, vehicle trim, handles, circuit boards and other electric components. Nyalic® is non-conductive.



FOOD SERVICE: Nyalic® is approved for use in meat and poultry plants, on metals, painted and fibreglass surfaces. It creates a surface that washes easily and reduces cleaning time. A Nyalic® coated surface is impervious to bleach, acids and salts. Eliminates corrosion. Imagine the cost savings in overtime?

NYALIC®

INDUSTRIAL: Ideal for use any equipment, structures, facilities or machinery exposed to sun, weather, acid rain, saltwater or salt air. It provides an inexpensive, yet total protection against corrosion, oxidation and discoloration. Eliminates the need to repaint by extending the substrate life several fold. Withstands extreme temperature change and again, Nyalic® is nonconductive.



MARINE: Ideal for use on aluminium, fibreglass and metal surfaces exposed to salt water, salt air and intense sunlight. Prevents corrosion, oxidation and discoloration. Provides a smooth, durable surface that is easily washed free of marine growth. Used on fast ferries on Sydney Harbour and Port Authority Pilot Vessels.



RESIDENTIAL: From use on mobile homes, aluminium siding to metal windows, Nyalic® restores the original appearance. Prevents painted surfaces from oxidizing and fading. Nyalic® extends the life of difficult to paint surfaces, like wrought iron fencing, several fold.



TRANSPORTATION: Ideal for use on ocean going containers, trucks, trailers, railway cars, airline cargo containers. Extends the life of your painted or polished surface many fold. Nyalic® provides a smooth surface that is easily washed clean of road film, dirt and grime. It even prevents colour on your decals fading, which is often caused by both oxidation and intense UV exposure.



MULTIPLE SURFACES: Nyalic® is formulated for use on painted or primed ferrous metal substrates - to galvanized or stainless steel, direct to bare or anodized aluminium. Nyalic® works on other non-ferrous metals and alloys, wood, tile, concrete, brick, masonry, stone and fibreglass and is suitable for internal, external or submersed uses.

PROTECTS: Nyalic® preserves your valuable assets and increases their life span through **single-pack, thin film envelope protection.**

One coating lasts up to 10 years, depending on material covered and storage (for fibreglass, refer website.. www.nyalic.com.au). We can provide excellent reference sites.

CORROSION RESISTANT: Nyalic® is impervious to acid rain, salt water, salt air, to bird droppings, bugs, bleaches, acids, ammonia, chlorine, bromine, astringent cleaners, corrosive salts, road chemicals, fertilizers and other damaging agents. Nyalic® is even at work in sulphur plants.

FLEXIBLE: Nyalic® expands and contracts with the substrate through an extremely wide temperature range. It won't chip, crack or peel.

THERMODYNAMIC: Up to 300 Fahrenheit.

DURABLE: Depending on the material covered, as noted above, one Nyalic® coating can last up to 10 years. Re-application even after these years of protection, will extend the life of metal and painted surfaces, indefinitely.

WEATHER RESISTANT: Nyalic® is impermeable. The smooth finish blocks Ultra-violet radiation and prevents surface oxidation and fading. Nyalic® will not yellow or crack.

REJUVENATES: Nyalic® restores faded or oxidized surfaces to a "like new" condition. We can provide many examples across Australasia that defy logic - such are the extraordinary results with Nyalic®.

REDUCES MAINTENANCE: Having a highly cleansable surface resists build-up of dirt, dust, mould, algae, mildew.

INDEFINITELY MAINTAINABLE: Being self-priming, self-levelling and self-annealing, Nyalic® is easily re-coated to repair any damaged sections and extend the life of the coating.

HIGH CLEANSABILITY: A smooth slick surface minimizes adhesion and is easily cleaned with soap and water. Nyalic® is approved for use in food processing environments.

FRICITION RESISTANT: In aviation, pilots and owners report increased efficiency through the air improving both speed and fuel economy.

NON-CONDUCTIVE AND STATIC FREE: Nyalic® won't conduct electrical current or promote static electricity. Prevents harmful electrolysis. Nyalic® is a perfect coating on fishing vessel electrics.

EASILY APPLIED: Nyalic® can be professionally applied using HVLP compressed air or airless sprayer, poly-sponge brush or lint-free cloth. The coated substrate dries to the touch within 20 minutes, often less and your asset can be handled in one hour.

Please note: A full cure for Nyalic® takes up to thirty days - The aromatic compounds which allow for such easy application need to evaporate.