



Driving the change

At Henkel sustainability has a history of over **100 years**. It is the heritage of our company founder Fritz Henkel who was already convinced that ecology, economy and social progress are all interrelated aspects of sustainable business practises.

Today we conduct our business in a sustainable and responsible manner throughout the entire value chain.

We are setting standards through **innovative** and **sustainable products** that combine **top performance** with economic advantages and **responsibility** toward people and the environment.

Our system solutions enable our customers to **increase resource efficiency** and improve their own **sustainability performance**.

Experience our dedicated solutions for the aerospace industry on the flip side.

The principle of sustainability is anchored in our corporate values. In aerospace we live up to our corporate social responsibility in practise in five focal areas:



Henkel Aerospace develops structural adhesives, metal surface treatments and composites that serve the aircraft OEM and MRO industries and is listed in over 5,000 aerospace specifications. Henkel invests heavily in R&D and product support and is a world market leader in these industries for over 40 years. Innovative materials provide our customers with practical, economic and performance benefits.

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www.henkel.com/aerospace



Alodine®



Alodine® 5923

Conversion Coating



Features:

- Chemical conversion process for aluminum and its alloys
- Hexavalent chromium free
- Used to produce an amorphous inorganic coating with:
 - Excellent bonding surface for paints with good anti-corrosion performances
 - Meets bare metal corrosion protection requirements
 - Low electrical contact resistance of the coating
- Immersion or spray application
- Meets environmental friendly European directives:
 - 2000 / 53 / CE relative to end life vehicles
 - 2002 / 95 / CE called RoHS for the electric and electronic equipments

Benefits:

- Formation of a colored coating visible to the naked eye
- Absence of organic compounds
- Product ready to use and easy analytical survey
- Not concerned by the labelling regulation

Turco® 1270-5

Paint Stripper



Features:

- Classified as nonhazardous
- Free of chlorinated solvents, phenol, chromates, free alkali and free acid
- Extremely low evaporation rate and will remain active for more than 24 hours

Benefits:

- NESHAP compliant – no HAPs
- Allows stripping of topcoat and intermediate coat without stripping primer
- Minimizes hazards in work area
- Safe on aircraft metals, including magnesium and high strength steel

Turco® 9100 GL

Paint Remover



Features:

- Environmentally advantaged paint remover for selectively strippable paint systems
- Free of aromatic hydrocarbons, phosphates, borates, silicates or hydrogen peroxide
- PH neutral product for removal of paint systems utilizing a polyamide type intermediate coating
- Allows selective stripping of the topcoat layers while leaving the primer layer intact

Benefits:

- NESHAP compliant – no HAPs
- Minimizes hazards in work area
- Safe on aircraft metals, including magnesium and high strength steel
- Very low evaporative loss

Turco® C 8000 GL

Liquid Cleaning System



Features:

- 2 Component liquid cleaning system to clean aerospace metals, including metals in contact with LOX. Ideal for cleaning fuel and hydraulic components and articles that require adhesive bonding, anodizing and conversion coatings
- No corrosion on steel, titanium, nickel, copper and aluminum alloys
- Spray or immersion systems
- Operates at temperature from 35 - 70 °C (Spray: 50 - 70 °C)

Benefits:

- Non-silicated, non borated – easily rinsed from parts
- Readily soluble in water at recommended concentrations
- Leaves waterbreak-free surface
- Non-foaming at recommended concentrations and temperature

Alodine®



Henkel

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Outlook to sustainable solutions for surface treatment and cleaning in the aerospace industry

