6 WAYS TO GO GREEN AND KEEP IT CLEAN WHEN PREVENTING RUST

6 WAYS ARMOR GOES GREEN

1. ARMOR PRODUCTS ARE RECYCLABLE

Recycling 1 ton of paper (such as ARMOR WRAP®) saves 17 mature trees, 7,000 gallons of water, 3 cubic yards of landfill space, 2 barrels of oil and the energy equivalent of 165 gallons of gasoline.
Source reduction means get the same result from your product but using less to make it. To better understand this, let’s compare a regular, traditional light bulb (incandescent) to an LED bulb. You got light but it would give off 90% of its energy as heat not light and improvement in technology gave us LED bulbs. They don’t waste that same amount of energy. LED’s use 80% less energy than a traditional light bulb but you still get light, you are just getting your light much more efficiently. We did that with film.
THE BIODEGRADABLE FABLE

At this time biodegradable plastics are not a commercial solution.

“Biodegradable plastics are well-intentioned but wrong”
- Jacqueline McGlad, chief scientist at the UN Environment Programme

The Biodegradable Plastics Blacklist:
- Biodegradable polymer-based films require high temperature and sunlight to biodegrade but these conditions are unrealistic given the current waste and composting systems.
- Its name encourages people to think they actually degrade and promotes ‘single use’ mentality.
- Most are still made from petrochemicals, but other chemicals are added to cause the plastic to break down to smaller pieces - if exposed to the right conditions - making them difficult to recycle.
- Often associated with “green washing,” a marketing technique where a company or a product falsely claims to be eco- or environmentally-friendly.
- If they enter the ocean, they can be worse as smaller plastic pieces are easily ingestible.

5 PAPER IS A RENEWABLE RESOURCE

ARMOR WRAP® papers are renewable and sustainable.

Paper is made from wood, a natural resource that is renewable and recyclable.
ARMOR’S GREEN THUMB

- Use Dry Coat Rust Preventative Spray instead of messy grease
- Use ARMOR VCI paper instead of RP oils; they’re horrible for you and the environment
- Use Metal Rescue Rust Remover Bath instead of harsh acids to remove rust
Dear Professor: Why aren’t bio-based & compostable plastics the answer?

**BIO-BASED PLASTICS**

ARE RENEWABLE, BUT:

- Require land resources to produce
- Require large amount of energy to produce
- Are still too expensive
- Are not biodegradable or compostable

**COMPOSTABLE PLASTICS**

SPECIAL CONDITIONS ARE NEEDED TO BREAK DOWN

- High temperatures
- Proper combo of oxygen & moisture
- Specific organisms
- Difficult to compost PLA plastics
- Not Recycled by typical methods
- Lack of infrastructure for compostable plastics
- Contaminate traditional recycle streams
WHY ARMOR PRODUCTS ARE
CLEAN, SAFE & EASY

PEOPLE

**CLEAN**
- Water-based rust prevention infused into packaging
- Simple storage & handling - VCI packaging materials are clean/dry

**SAFE**
- Prevents health and safety risks
- Eliminates messy oils, greases and solvent-based chemicals

**EASY**
- Reduction in time and labor to apply
- Once removed from packaging, metal is ready to use

FACILITIES

**CLEAN**
- Elimination of spills & accidents
- Elimination of labor costs to clean hazardous material

**SAFE**
- Protects work environment
- Eliminate insurance premiums

**EASY**
- No set-up, tool or application process
- Eliminates expensive disposal of hazardous materials

ENVIRONMENT

**CLEAN**
- Extension of metal parts’ life
- Reduction of energy and raw materials
- Reduction of pollution and waste

**SAFE**
- Water-based rust prevention
- Reduction of source materials

**EASY**
- Reuse rather than replacement
- Reduction of energy, waste and raw materials

TAKING THE WORK OUT OF YOUR WORKDAY