Our Commitment
Arclin has long been committed to reducing our own environmental impact and to meeting our customers' and downstream market needs for sustainable products. Internally, we’ve devised our own Green Sigma™ program, applying Six Sigma® quality assurance principles to sustainability practices. Externally, we continue to introduce new products that leverage our scientific and engineering expertise to maximize performance and minimize impact.

Partners in Sustainability
Forest Stewardship Council chain of custody-certified papers come from responsibly harvested forests. Arclin's surfaces facilities are FSC chain of custody certified. The GREENGUARD Environmental Institute has established criteria for acceptable indoor air quality. Arclin's decorative surfaces are GREENGUARD for Children & Schools™-certified, meeting the most rigorous air standards enacted to date.
The Ingredients of Green™

**Product**
- Ultra Low Emitting Decorative Melamine Overlays
  - forParticleboard panels
  - Specialty plywood panels
- E-Natural™ Ultra low-emitting resin systems for wood panels
- E-Sorb™ Zero-emitting resin systems for wood panels
- Low Emitting Resin Systems for wood panels
- FSC Overlays for Concrete Forming
  - for MDO panels
  - HDG panels
  - Phenolic surface films
- E-Sulate™ Formaldehyde-free insulation binders
- E-Flux™ Radiant heat barriers
- Dust B Gone Coal dust suppression for rail transport

**Applications**
- Architectural wall paneling
- Cabinets
- Flooring
- Store fixtures
- Furniture
- Process paperless
- Special purpose overlays and surfacing applications
- Roof sheathing for hot climates or special code situations
- Rail transport
- LNG piping
- Mining

**Markets**
- Commercial interiors
- Retail interiors
- Residential interiors
- Schools & hospitals
  - Government & Institutional

**The Ingredients of Green™**
- GREENGUARD for Children & Schools™-certified
- Available with FSC-certified papers
- Facilities are FSC chain of custody certified
- May contribute to LEED EQ Credit 4.4 for improved indoor air quality
- For ULEF applications
- Qualifies for LEED EQ Credit 4.4 for improved indoor air quality
- Less than 0.01 ppb emission levels (at or below naturally occurring levels)
- ULEF capable
- Qualifies for LEED EQ Credit 4.4 for improved indoor air quality
- Typically undetectable emission levels (at or below naturally occurring levels)
- CARB Phase II compliant
- May contribute to LEED credits for improved indoor air quality
- Extend panel life up to 20 times non-overlaid BB Plyform panels
- Available with FSC chain of custody certification
- May contribute to LEED MR Credits 2.1 and 2.2 for waste reduction
- MR Credits 3.1 and 3.2 for material re-use
- Conform to the NAHB’s Green Building Standard
- May contribute to LEED credits for improved indoor air quality
- Fiberglass thermal insulation
- Mineral wool insulation
- Water-based, formaldehyde-free
- May contribute to LEED EQ Credit 3.2 and points under the NASA Green Building Standard
- High recovery for maximum yield, R-value
- Excellent moisture resistance
- Up to 50% radiant heat blocked
- Reduce building-cooling costs
- Pre-perforated
- Biodegradable, non-toxic alternative to petroleum-based systems
- Made from renewable organic materials
- May enable tax credits for alternative fuels

**More Sustainable Products from Arclin:**
- **Building & Construction**
  - High Recovery Systems
    - for thermal fiberglass insulation
    - Increases insulation loft and resilience, guaranteeing highest total product yield while maintaining R-value
  - Agriculture
    - Liquid Slow Release Fertilizers
      - for turf grass, specialty crops, citrus, grains, wheat
      - Innovative technology allows direct application without burning
      - Increases yield, reduces runoff (last-burning)
      - Low salt, bioret
  - Energy & Mining
    - Clay Blinder
      - Increases ore yields by up to 20%, provides 95% material recovery, extends post life and storage stability up to 4 months, reduces waste and fresh water usage
    - Flocculants & Depressants
      - for water clarifiers, thickeners, settling ponds
      - Nontoxic system enhances performance
      - Improves water clarity, reduces fresh water usage, eliminates waste
      - Higher yields, greater recovery
    - Dedusting Aids
      - for haulage roads, railcar toppings and specialty applications
      - Water-based, biodegradable formulas are non-toxic, environmentally friendly, alternative to petroleum-based systems
      - Cost-effective, long-lasting, enhance operational safety

**The Facts About Green (That is, the truth about formaldehyde)**
When the market talks air emissions from building products, it’s often talking about formaldehyde-based resins. Formaldehyde is a naturally occurring chemical that helps make construction materials stronger and longer lasting. Arclin leads the industry in mastering resin technologies that enable us to maintain the strengthening attributes of formaldehyde while keeping emissions at safe levels — or virtually eliminating them altogether. Get the whole story at www.e-gen.com/thefacts
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