

Web site: www.amazonpaint.com John Segala: jsegala@amazonpaint.com

Agenda

How latex paint is recycled

- Paint to Paint
 - Manufacturing recycled content paint
 - Quality, sales, advantages & disadvantages
- What to do with `non-usable' Paint

Paint to Paint Recycling

- The most important step in making a good quality recycled content paint is the sorting.
 - Only good quality paints should be used to make recycled content paint
 - Paint is not usable if it has begun to solidify, has curdled, has soured, has bacteria or rust or is questionable for any reason.

Recycled Content Paint

- Reusable <u>latex</u> paint is sorted **by color** and poured into totes or drums (e.g. white, offwhite green, red, blue, yellow, etc.)
- The appropriate colors of paint are selected to make a batch
- The paint is pumped into a mixing tank.

Recycled Content Paint

- The paint is tested for color, gloss, opacity, pH, etc.
 - The paint is adjusted with additives as needed to meet specifications.
- A biocide and a preservative are added.

- Finally, the paint is fine filtered, packaged and labeled.
- Recycled paint generally retails for about ¹/₂ the price of comparable virgin paint.

Applications

- Amazon's paint is formulated for interior or exterior applications
- Use anywhere you would use an acrylic wall paint, such as sheetrock, cement block, stucco, and previously painted or primed metal and wood.

Quality Control

Certified by Green Seal



Approved by Master Painters Institute







Certifies goods and services that meet the highest standards of environmental quality and performance.

 Green Seal visits site, examines processes, record keeping

Green Seal

 They must approve any raw materials added to the paint (pigments, etc.)



- Master Painters Institute MPI
 MPI is the organization that sets standards and does testing for the coatings industry
- MPI also makes site visits
- Recycled content paint samples are tested 3-4 times per year
 - Must meet same spec as virgin paint

Why Buy Recycled Paint?

- High quality: Same specs as 'virgin' paint
 - High solids content. Applies and covers well.
- C Environmentally preferable
 - Resources that would have gone into making a gallon of new, virgin paint are saved.
 - Higher energy savings than steel or glass recycling
 - Keeps leftover paint out of landfills
- Priced below comparable virgin paint

Challenges in Retailing Recycled Paint

- Distribution is difficult
 - Costly to handle & ship small volumes of paint
 - Boxes of paint shipped via UPS/Fed Ex often damaged in transit
- Shelf space needed to display entire palette of colors because no tinting
- Explaining the product to customers

Benefits of selling RCP

- A unique, niche product
- Appeals to environmentally conscious customers
- Recycled paint may be specified in government buildings
- LEED credits available
- Low price + high quality = great value

Paint Collection and Sales Go Together

Great PR potential.

- Closing the loop'
 - Surplus paint collected, reprocessed, reused
- Demonstrates environmental responsibility
- Provides a unique service (collection) and a unique product (recycled paint)
- Provides customer convenience

Amazon Select Paint in an Ace Hardware Store





Non-Usable Paint

- Amazon makes several other products from paint that is not suitable to be reprocessed into paint.
- Amazon also has an active R&D program to develop new uses for leftover paint.



Amazon Environmental Factory and Store 7180 West Commerce Circle, Fridley, MN 55432 (763) 572-0800 www.amazonpaint.com