



The Shepherd Color Company
We Brighten Lives

Key Features

- Easily dispersed, no grinding required
- Maximum tinting strength
- Highest Opacity
- Outstanding weathering performance
- Heat & Chemical resistance
- 100% Color
- Compatible with solvent, water, 100% solids

Benefits

- Fully dispersed in minutes
- Reduce cycle time by >75%
- Consistent "locked-in" color
- Independent of batch size
- Eliminates color development
- Truly universal colorant
- High Total Solar Reflectance
- Most economical green pigment

Key Markets

- Building & Construction
 - Metal roofing & cladding, window profiles, curtain wall panels, facades
- Appliances
- Automotive
- General Industrial
- Architectural

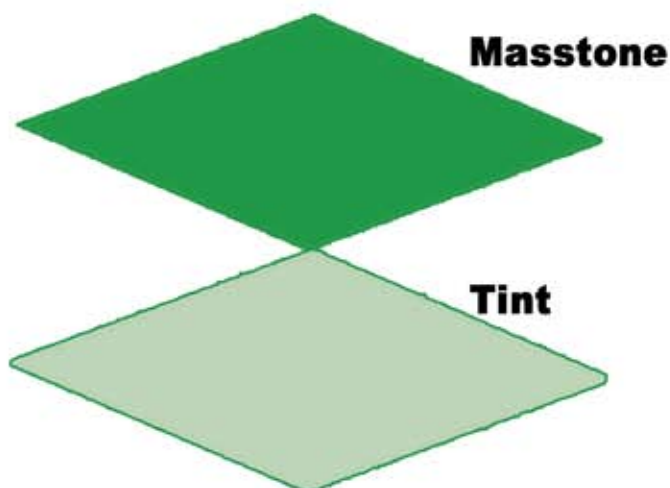
Typical Applications

- Coil Coatings
- Powder Coatings
- Waterborne & Solventborne Industrial
- Silicate & Masonry Coatings
- Radiation cured Coatings



Green 30C654

CI Pigment Green 17



Just stir them in!

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Technical Information

Green 30C654

Chemical Composition

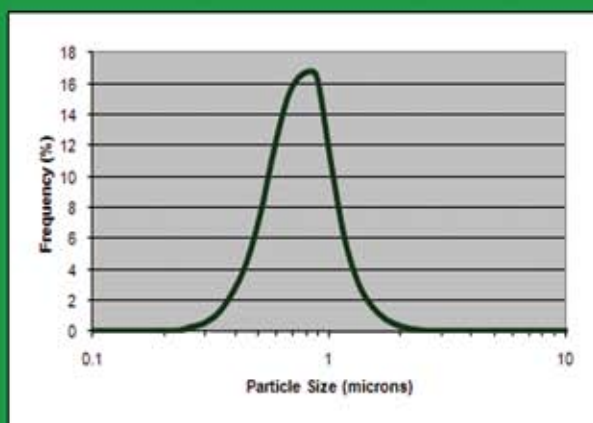
- Chromic Oxide
- Cr_2O_3 (Chrome Oxide)
- CAS # 1308-38-9*

Regulatory Compliance

- Toy Safety EN71.3
- AP (89)1
- TCLP
- ELV 2000/53/EC
- RoHS 2000/95/EC
- WEEE 2002/96/EC

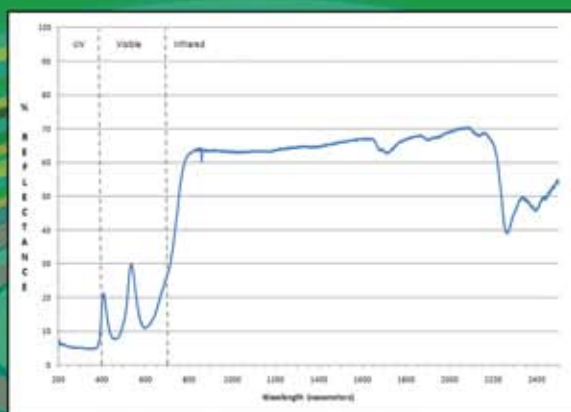
Particle Size Distribution

Mean particle size: 1.0 microns

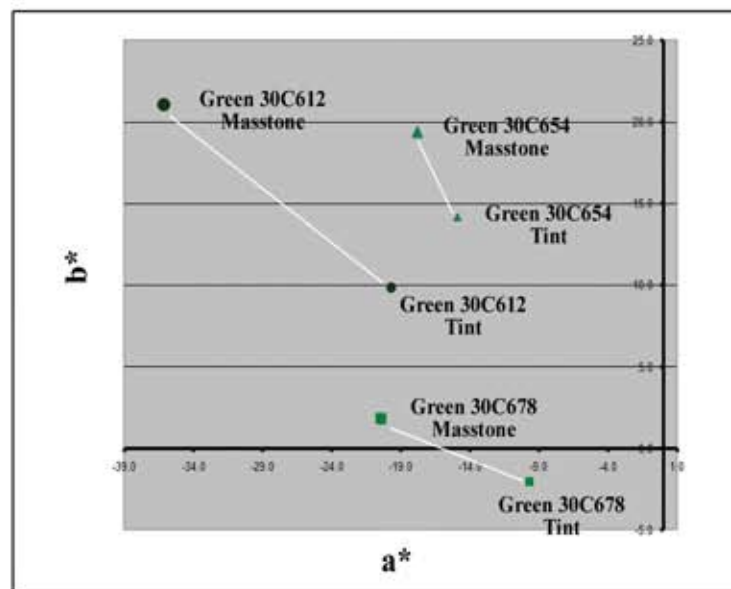


IR Properties

Total Solar Reflectance (TSR) 40%
Green 30C654 is part of the Arctic® range
for coatings and can be used widely in color
matches to maximize TSR.

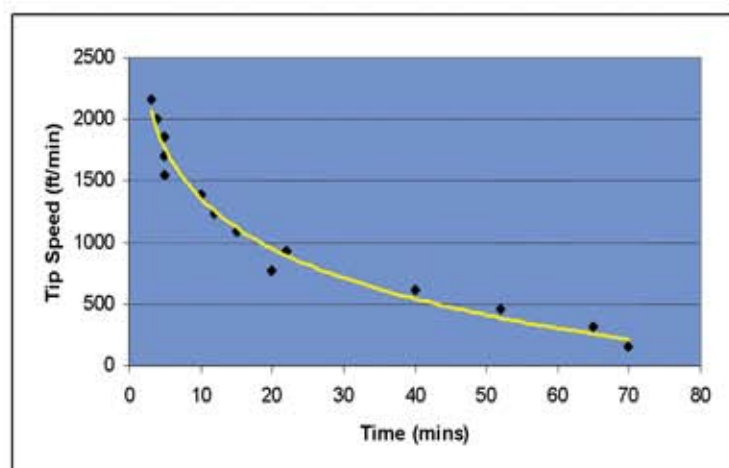


Color Space



	Masstone			4:1 Tint		
	L*	a*	b*	L*	a*	b*
Green 30C654	48.7	-17.8	19.4	62.5	-14.9	14.2
Green 30C612	50.6	-36.1	21.1	81.0	-19.7	9.9
Green 30C678	34.0	-20.4	1.8	81.1	-9.7	-2.0

Time to achieve optimum dispersion



Dispersion times to achieve >7.5 Hegman will vary depending on the equipment.

Typical times are:

Shaker	5 - 15 minutes
HSD	5 - 20 minutes
Paddle stirrer	45 - 90 minutes