

553

Finishing Compound



553 is a mildly acidic, low foaming, burnishing and bleaching compound for use on ferrous and most non-ferrous metals. Yielding exceptionally high color and luster in ball burnishing operations, 553 also works well removing tarnish and heat treat scale. When used with steel media in burnishing operations, the media obtains and retains maximum brightness. While primarily a steel media burnishing compound, 553 can also be used with ceramic and natural media. Steel media and parts should be inhibited to prevent corrosion.

PHYSICAL PROPERTIES

Appearance	Wine red liquid
pH @ 1% solution	4.2
Odor	Mild
Foaming action	Controlled
Solubility in water	Complete
Rinsing action	Excellent
Metal Safety	Ferrous & Non-ferrous
Flash point	None
Specific Gravity	1.12
Stability	Stable
Standard Container(s)	55 Gallon Drum

Refer to our Material Safety Data Sheet for additional information

USAGE & DILUTION INSTRUCTIONS

For most conditions use 1 to 3 ounce per gallon of water. Water flow rate for most situations should be 2 gallons per hour per cubic foot of mass in the machine. For example a 20cubic foot vibratory machine should require a flow rate of 40 gallons per hour. Inhibit media with our 50-R or PR-100 corrosion inhibitors.

HANDLING AND STORAGE INSTRUCTIONS

Product does not pose any fire hazards. This moderately acidic product should be stored in original containers or similar plastic containers that are properly labeled. In case of skin contact, wash with soap and water. In case of eye contact, flush with plenty of water for at least 15 minutes and call physician. It is recommended that eye protection and rubber gloves be worn as product may irritate sensitive skin. Follow good industrial hygiene practices. Do not freeze. Store product in tightly closed containers between 50° and 85° F. Rotate stock. When stored as stated above, shelf life is a minimum of 2 years.

Progress Chemical guarantees its products will perform to your satisfaction when used in accordance to our recommendations. We back this guarantee with over 60 years experience. Our company has been certified to ISO 9001:2000 Quality Standards.

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