United Umber Industries
P.O.Box 40342, 6303 Larnaca, CYPRUS

Product Data

Burnt Powder Umber No.39

EINECS 235-784-5, CAS 12713-03-0

Burnt Powder Umber No.39

Description

Burnt Powder Umber No.39 is a natural pigment. *Burnt Powder Umber No.39* is a naturally occurring ore, which is milled into powder at our facilities in Cyprus. Visual tests are conducted on each lot to maximize consistency and quality. The resulting pigment produces a light brown shade with natural undertones in wood gain applications. Umbers are preferred colorants in furniture stains and high-quality wood finishes because of their transparency and ability to enhance wood grain appearance. *Burnt Powder Umber No.39* is also used in medium-gloss coatings, artist paints, coatings processed on intensive dispersing equipment, liquid colorants, paper, plaster and stucco applications. In addition, it is suitable to colour products made with cement. It is stable under exposure to sunlight and UV radiation and is alkali, chemical and weather resistant. *Burnt Powder Umber No.39* is packaged in 25 kg multiwall paper bags and shrink-wrapped onto pallets of 40 bags (1000 kg).
Uses: wood stain, paint, colorants, adhesives, ink, concrete, stucco and plaster.

Composition/Typical Properties

Iron Oxide (Fe_2O_3) (%)	50-51
Manganese Oxide (MnO_2) (%)	2.52
Manganese (Mn) (%)	1.59
Magnesium Oxide (MgO) (%)	2.59
Calcium Oxide (CaO) (%)	3.19
Phosphorous Oxide (P_2O_5) (%)	1.16
Sodium Oxide (Na_2O) (%)	0.46
Potassium Oxide (K_2O) (%)	0.55
Aluminium Oxide (Al_2O3) (%)	4.39
Oil Absorption (g/100g)	56.51
Bulk Density (g/l)	510-620
325 Mesh Retention (%)	0.1
Water Soluble Salts (%)	1.83
Moisture & Volatile (%)	2.5-3.0
Ignition Loss (%)	6-8.5
Hegman Grind	4
pH (26 ^{o}C) 10%	7.0

Typical Trace Metal Content in Parts Per Million (ppm)

Arsenic (As)	<300
Barium (Ba)	<70
Cadmium (Cd)	<45
Chromium (Cr)	<55
Cooper (Cu)	870
Lead (Pd)	<350
Mercury (Hg)	<0.2
Selenium (Se)	<1.1

The values for typical contents and trace metals are provided as general information only. They are approximate values for reference and not specifications utilized in our standard QC procedures for colour and consistency.

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8th September, 2008