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TECHNICAL DATA SHEET EA-1403 BLACK IRON OXIDE

Version: 2/2026 **Date Revised: 09/16/2026** **Date Issued: 03/02/2001**

INCI Name	Iron Oxides (Black)
CAS Numbers	1317-61-9 or 12227-89-3
EINECS Numbers	215-277-5 or 235-442-9
CI Names	Pigment Black 11
CI Numbers	77499

Heavy Metals Content

Arsenic	not more than	3 ppm
Barium	not more than	50 ppm
Cadmium	not more than	1 ppm
Chromium	not more than	100 ppm
Copper	not more than	50 ppm
Lead	not more than	5 ppm
Mercury	not more than	1 ppm
Nickel	not more than	200 ppm
Zinc	not more than	100 ppm

Chemical Properties

Water Soluble Substances	Maximum 1%
Organic Color	Negative

Particle Size Analysis

Available Upon Request

Microbiological Limits

Combined count of less than 50 microorganisms per gram and the absence of gram negative bacteria.

Shelf Life

5 years (Sealed drums under ambient conditions)

Regulatory

Conforms to US CFR Title 21, Part 73 and European E-172 regulations for iron oxides