



**Sino-American
Pigment Systems, Inc.**
QUALITY RAW MATERIALS ■ ENVIRONMENTAL TECHNOLOGY

BARIUM METABORATE - PRODUCT DESCRIPTION

Description: Barium Metaborate is a non-toxic anticorrosive pigment in white crystalline powder form. It has excellent resistance to corrosion, powdering and mildew, as well as color keeping, anti-stain and fire resistance. It is suitable for both solvent and water based coatings. Our QC program ensures that the quality will consistently meet the specification listed below.

Packaging: 25 KG (55 lbs) bags, palletized and shrink-wrapped suitable for high – sea shipment.

TYPICAL SPECIFICATION

Formula: BaB_2O_4
Product Code #: BMB
Physical Form: White Crystalline Powder (400 mesh).
Color Index Number (C.I. #): 13701-59-2

| | | Range | Typical |
|---------------------------|-----------|--------------|----------------|
| Total Assay | % Minimum | 90 | 92.4 |
| Barium Oxide | % Minimum | 54 - 61 | 59 |
| Silicon Dioxide | % Nominal | 4 - 9 | 6.3 |
| Boric Oxide | % Nominal | 21 - 28 | 25 |
| Moisture | % Maximum | 1.0 | 0.3 |
| Loss on Dry | % Maximum | 1.0 | 0.13 |
| 400 Mesh Residue | % Maximum | 0.5 | 0.21 |
| Oil Absorption in g/100 g | % Maximum | 30 | 20 |
| pH | Nominal | 9 – 10.5 | 10 |
| Water soluble matter | % Maximum | 0.3 | 0.2 |