



An ISO 9001:2008 company

**OXXIDES, INC.**

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## SPECIFICATION

# ANTIMONY TRIOXIDE

### OXXIDES LOW TINT GUARANTEED TECHNICAL DATA:

|                               |                                |   |
|-------------------------------|--------------------------------|---|
| PURITY                        | Sb <sub>2</sub> O <sub>3</sub> | 99.5% MIN.  |
| ARSENIC                       | As                             | 0.05% MAX.  |
| IRON                          | Fe                             | 0.003%MAX.  |
| LEAD                          | Pb                             | 0.1% MAX.   |
| TIN                           | Sn                             | 0.05% MAX.  |
| NICKEL                        | Ni                             | 0.001%MAX.  |
| COPPER                        | Cu                             | 0.002%MAX.  |
| SULFUR                        | S                              | 0.001%MAX.  |
| SILICON                       | Si                             | 0.005%MAX.  |
| SELENIUM                      | Se                             | 0.005%MAX.  |
| INSOLUBLE TARTARIC ACID       |                                | 0.15% MAX.  |
| AVG. PARTICLE SIZE (MICRONS): |                                | 2.0 TO 3.0 (CUBIC CRYSTALS)                           |
| OIL ABSORPTION:               |                                | 8-10 (gm oil/100gm (Sb <sub>2</sub> O <sub>3</sub> )) |
| COLOR:                        |                                | EXCELLENT WHITE                                       |

\*ANTIMONY TRIOXIDE SUPPLIED BY OXXIDES, INC. COMES IN 50 Lbs.  
DOUBLE BAGS, WRAPPED AND PALLETIZED WITH 44 BAGS PER PALLET.  
OTHER PACKING ARE AVAILABLE UPON REQUEST.

#### **APPLICATIONS:**

THE MAJOR USE OF ANTIMONY TRIOXIDE IS AS A FLAME RETARDANT SYNERGIST IN PLASTICS, RUBBER, POLYURETHANES (A FLEXIBLE & RIGID FOAM), TEXTILES, ADHESIVES, FIBERGLASS, PAPER.

GLASS MANUFACTURERS USE IT AS A FINING AGENT OR AS A DEGASSER (TO REMOVE BUBBLES).

RAYON MANUFACTURERS AS WELL AS OIL REFINERIES USE AS ANTIMONY TRIOXIDE AS A CATALYST.

PORCELAIN AND ENAMELING SERVICES USE IT AS AN OPACIFIER.

PAINT MANUFACTURERS USE ANTIMONY TRIOXIDE AS A WHITE PIGMENT.

IT IS SOMETIMES USED WITH OTHER MATERIALS TO FORM YELLOW PIGMENTS.

\* IF MSDS IS REQUIRED, PLEASE CALL OXXIDES, INC. TEL. 845 238 5142

\*\* ANTIMONY TRIOXIDE IS NOT A HAZMAT REGULATED PRODUCT IN 50 Lbs. BAGS.

**CAS NO. 1309-64-4**

**U.N. NO. 9201**