

US EPA ARCHIVE DOCUMENT

ANTIMONY

A. Commodity Summary

According to the U.S. Bureau of Mines, antimony metal and oxide are produced by seven companies domestically. Additionally, a small amount of antimony is recovered domestically as a byproduct of smelting lead and silver-copper ores. Exhibit 1 presents the names, locations, and type of processes used by the facilities involved in the primary production of antimony metals and oxides. Estimated apparent domestic consumption was 45,000 metric tons during 1994. Antimony is used mainly in flame retardants, transportation (including batteries), chemicals, ceramics, and glass.¹

Antimony is generally found in association with other elements in complex ores as the sulfide mineral stibnite. Antimony is made available commercially as antimony trioxide. Most of the antimony trioxide produced is derived from imported original sources.

EXHIBIT 1

SUMMARY OF ANTIMONY FACILITIES

Facility Name	Location	Type of Operations
Amspec Chemical Corp	Gloucester, NJ	Pyrometallurgical
Ant. Process (inactive)	Moscow, TN	Pyrometallurgical
Anzon, Inc.	Laredo, TX	Pyrometallurgical
ASARCO Incorporated	Omaha, NE	Pyrometallurgical
ASARCO (inactive)	El Paso, TX	Electrowinning
Chemet (inactive)	Moscow, TN	Pyrometallurgical
Laurel Ind.	LaPorte, TX	Pyrometallurgical
M&T Chemical (inactive)	Baltimore, MD	Pyrometallurgical
McGean Chemical	Cleveland OH	Pyrometallurgical
Sunshine Mining Company	Kellogg, ID	Electrowinning
US Antimony Corp.	Thompson Falls, MT	Pyrometallurgical

¹ Antimony Specialist, "Antimony," from Mineral Commodity Summaries, U.S. Bureau of Mines, 1995, p. 18.