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THE HARSHAW CHEMICAL COMPANY
ENVIRONMENTAL CONTROL
MATERIAL SAFETY DATA SHEET

DATE January 21, 1977

FILE NO. 670-004-22

SUPPLIER The Harshaw Chemical Company

EMERGENCY PHONE NO. (216) 721-8300

ADDRESS 1945 East 97th Street, Cleveland, Ohio 44106

PRODUCT NAME(S) Antimony Oxide, KR Grade

Antimony Trioxide, Sb_2O_3

DESCRIPTION White, odorless, fine powder, insoluble in water,

specific gravity 5.7 (H_2O =1)

PROTECTIVE EQUIPMENT If ventilation is inadequate, use NIOSH/MESA approved respiratory protection.

Eye protection.

Hand protection.

FIRST AID Eyes - flush with water for at least 15 minutes. Call a physician.

Skin - wash with soap and water, if irritation develops, call a physician.

EXPOSURE EFFECTS Eye contact may cause foreign particle irritation.

Prolonged or excessive skin contact may cause "antimony measles" for susceptible individuals. This is a red, pimply skin eruption caused by what is believed to be clogging of the pores by fine particles of Sb_2O_3.

Inhalation of dust may irritate respiratory tract.

TOXICITY NOT TOXIC FOR ACUTE EXPOSURES

LABEL TYPE Precautionary

TLV 0.5 mg/M^3 as Sb

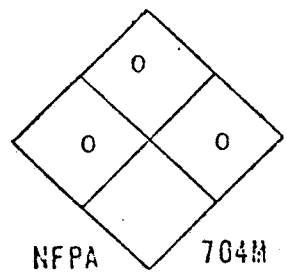
LD50 (acute toxicity) oral-rat >34,600 mg/

ENVIRONMENTAL TEST PROCEDURE 0.8 micron membrane filter, air sampling pump, antimony analysis by accepted analytical method.

******Antimony oxide is used as a flame retardant.

REFERENCES ACGIH (1976 TLV's) OSHA Standard Subpart Z, 1910.1000 (a)(2)

Harshaw Booklet --"Harshaw Antimony Oxide"



INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF, BUT IS NOT GUARANTEED TO BE SO.

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The Harshaw Chemical Company
DIVISION OF KEWANEE OIL COMPANY
1945 EAST 97th STREET
CLEVELAND, OHIO 44106
Telephone: 216 • 721-8300

April 29, 1977

M. J. Veneroso
Douglas Aircraft Company
3855 Lakewood Boulevard
Long Beach, California 90846

DPM 928
Antimony Oxide

Dear Mr. Veneroso:

LTR #103

In response to your inquiry as regards Antimony Oxide.

This product does not fall within the Hazardous Materials Regulations of Department of Transportation, Title 49 Code of Federal Regulation, nor to Air Regulation of IATA. Material Safety Data Sheet is enclosed for your record.

Very truly yours,

M. T. Shantic

M. T. SHANTIC

MTS/mrp

Enclosure

BOE-C6-0209693