

MATERIAL SAFETY DATA SHEET

ANZON, INCORPORATED
Laredo, Texas

IDENTITY: **TRUTINT 50**
CAS NO: **1309-64-4**
Product Class: **FLAME RETARDANT**

SECTION 1

Manufacturer's Name: Anzon, Inc.
Address: 2545 Aramingo Ave., Philadelphia, PA
Emergency Telephone Number: (215) 427-3000
After Hours - Chemtrec (800) 424-9300
Information Telephone No: (215) 427-3000
Date Prepared: 6/12/95

SECTION II - Potentially Hazardous Ingredients Identity/Information

Ingredient: Antimony Trioxide
CAS No: 1309-64-4
OSHA PEL: 0.5 mg/m³ (29 CFR 1910.1000)
ACGIH TWA: 0.5 mg/m³

Ingredient: Arsenic (may be present as an impurity up to
0.3% maximum)
CAS No: 7440-38-2
OSHA PEL: 0.01 mg/m³ (OSHA 29 CFR 1910.1018)
ACGIH TWA: 0.2 mg/m³

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

<u>CAS No.</u>	<u>Chemical Name</u>	<u>Pct. Composition</u>
1309-64-4	antimony trioxide	> 99.5 %
7440-38-2	arsenic	< 0.3 %
7439-92-1	lead	< 0.2 %

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Pt: N/A Specific Gravity: 5.5
Melting Pt: N/A Vapor Pressure: N/A
Solubility(water): N/A Evaporation Rate: N/A
Appearance: WHITE POWDER
Odor: NONE

MARKETED BY
**HARWICK STANDARD
DISTRIBUTION CORPORATION**
60 S. Seiberling Street • Akron, Ohio 44305

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A Flammable Limits: N/A
LEL: N/A UEL: N/A
Special Fire Fighting Procedures: NONE

	NFPA	HMIS
health =	3	2*
reactivity =	1	0
flammability =	1	0

For personal protective equipment, please refer to Section VIII

* denotes chronic health hazard per HMIS rating.

SECTION V - REACTIVITY DATA

Stability: STABLE
Incompatability: STRONG ACIDS OR BASES
Hazardous Decomposition Products: Sb₂O₄, Sb₂O₅
Hazardous Polymerization: DOES NOT OCCUR
Conditions to Avoid: EXTREME HUMIDITY

SECTION VI - HEALTH HAZARD DATA

Routes of Entry:	Inhalation	YES
	Dermal	NOT LIKELY UNDER NORMAL CONDITIONS
	Ingestion	YES

Physical:(ANTIMONY) prolonged excessive absorption of antimony oxide in sufficient quantities may produce gastrointestinal upset, nervous complaints, inflammation of the mucous membrane, metallic taste and stomatitis. The similarity of these symptoms with those of other illnesses require that excessive absorption of antimony be verified by biological specimens. May cause skin irritations.

(ARSENIC) Acute arsenic poisoning is rare in industry. Prolonged contact may have corrosive effects to skin and mucous membranes. Chronic arsenic poisoning due to long term inhalation exposure manifest in phases. Initial symptoms may include weakness, anorexia, nausea, vomiting, heaviness in stomach, and diarrhea. Secondly, conjunctivitis, coryza, hoarseness, mild tracheobronchitis, perforation of the nasal septum, and skin lesions may occur. More severe symptoms could include peripheral neuritis and on rare occasions motor paralyses. Arsenic may cause lung and skin cancer.

Inhalation: (ANTIMONY) Recent studies indicate that, at occupational exposure levels, antimony does not cause cancer. (ARSENIC) Arsenic is a designated carcinogen.

Emergency and First Aid: For abnormal ingestion, call a physician and induce vomiting by administering 1 ounce of syrup of ipecac followed by 8 oz. of water. For external exposure, material can be removed by washing with soap and water. If material gets into eyes, flush with copious amount of water and call a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Gloves: YES Goggles: YES
Respiratory Protection: YES Clothing: YES

Waste Disposal Method: DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS.

Handling and Storage: BE SURE CONTAINERS ARE LABELED AND SEALED TO AVOID SPILLS. WHEN REMOVING MATERIAL FROM A CONTAINER, DO SO ONLY UNDER ADEQUATE VENTILATION, UTILIZING NECESSARY PERSONAL PROTECTIVE EQUIPMENT AND FOLLOWING APPLICABLE FEDERAL, STATE AND LOCAL STANDARDS.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: RESPIRATORS MUST BEAR NIOSH APPROVAL. EXPOSURE LEVEL WILL DETERMINE TYPE OF PROTECTION TO BE WORN (SEE OSHA STANDARD 29 CFR 1910.134)

Ventilation: LOCAL EXHAUST - REFER TO OSHA STANDARD 29 CFR 1910.94 FOR GUIDELINES. ENGINEERING CONTROLS AND/OR RESPIRATORY PROTECTION ARE REQUIRED WHENEVER EXPOSURE LEVELS EXCEED THE PEL OR THE TLV.

Work/Hygienic Practices: WEAR FULL BODY CLOTHING. DO NOT WEAR CONTAMINATED CLOTHING HOME. WASH SEPARATELY. SHOWER AFTER USE. DO NOT EAT, DRINK, SMOKE, OR APPLY COSMETICS IN THE WORK AREA. TAKE EVERY PRECAUTION TO AVOID CONTAMINATION OF THE ATMOSPHERE. BEFORE ENTERING EATING AREAS, WORK CLOTHING SHOULD BE REMOVED OR LOOSE DUST VACUUMED OFF. TAKE EVERY PRECAUTION TO AVOID INGESTION AND INHALATION.

SECTION IX - DISCLAIMER

While the information and recommendations set forth herein are believed to be true and accurate as of the date prepared, Anzon, Inc. makes no warranty with respect thereto and disclaims all liability from reliance or action based thereon. Because of the nature of this product, user assumes all risks associated with respect to it.