

MATERIAL SAFETY DATA SHEET

MANUFACTURER: ANSYS Technologies, Inc.
ADDRESS: 25200 Commercentre Drive
Lake Forest, CA 92630-8810
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NO. SD-002
DATE: 2/16/01
Ed. Code: 01012
PREPARER: N. Doumas

SECTION 1: MATERIAL IDENTIFICATION

Product Name: TOXI•TUBES[®] A

SECTION 2: COMPOSITION

Hazardous Components	% (w/w)	CAS No.	NIOSH No.	EEC No.	R Codes (Substance)
1,2-Dichloroethane (ethylene dichloride, ethylene chloride)	15 - 20	107062	-----	2034581	11
Dichloromethane (methylene chloride)	15 - 20	75092	PA 8050000	2008389	45, 11, 22, 36/37/38
Heptane	10 - 20	142825	MI 7700000	2055638	11
Isopropyl alcohol (isopropanol)	5 - 15	67630	NT 8050000	2006617	11

SECTION 3: HAZARD IDENTIFICATION

OSHA Hazard Classification: Combustible, toxic (as defined in 29 CFR § 1910.1200)

European Chemical Directive Hazard Information:

Hazard Classification: Toxic (as defined in Council Directive 88/379/EEC)

Danger Symbol:



Risk Phrases: Possible risks of irreversible effects. May cause cancer. Liquid mixture is combustible.
Safety phrases: Do not breathe vapors. Wear suitable gloves and eye/face protection. Keep container tightly closed in a cool place. Do not empty into drains.

SECTION 4: FIRST AID

Skin/Eye Contact: Immediately flush with copious amounts of cold water for at least 15 minutes and call a physician.
Inhalation: Immediately move to fresh air and call a physician.
Ingestion: Induce vomiting and call a physician immediately.



TECHNOLOGIES, INC.

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SECTION 1: MATERIAL IDENTIFICATION

Product Name: TOXI•TUBES® B

SECTION 2: COMPOSITION

Hazardous Components	% (w/w)	CAS No.	NIOSH No.	EEC No.	R Codes (Substance)
Dichloromethane (methylene chloride, methane dichloride)	30 - 40	75092	PA 8050000	2034581	45, 11, 22, 36/37/38
Heptane	10 - 20	142825	MI 7700000	2055638	11
Zinc chloride	30 - 40	7046857	ZH 1400000	2315920	34

SECTION 3: HAZARD IDENTIFICATION

OSHA Hazard Classification: Corrosive, combustible (as defined in 29 CFR § 1910.1200)

European Chemical Directive Hazard Information:

Hazard Classification: Corrosive (as defined in Council Directive 88/379/EEC)

Danger Symbol:



Risk Phrases: Causes burns. Possible risks of irreversible effects. Solvent mixture is combustible.

Safety phrases: Do not breathe vapors. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Keep container tightly closed in a cool place. Do not empty into drains.

SECTION 4: FIRST AID

Skin/Eye Contact: Immediately flush with copious amounts of cold water for at least 15 minutes and call a physician.
Inhalation: Immediately move to fresh air and call a physician.
Ingestion: Induce vomiting and call a physician.