

# Material Safety Data Sheet

**AUTOBOND X**  
**QUICK IDENTIFIER**

Common Name: (used on label and list)

(U.S.A. FORMULA)

May be used to comply with OSHA's Hazard Communication Standard,  
 29CFR 1910. 1200. Standard must be consulted for specific requirements

## SECTION 1 -

Manufacturer's  
 Name:

**AUTOTYPE AMERICAS INC.,**

Address: **2050 HAMMOND DRIVE,**

Emergency Telephone No: **CHEMTREC: 1-800-424-9300**  
**Autotype UK: 011 44 1295 770063**

City, State, and ZIP **SCHAUMBURG, ILLINOIS, 60178-3810, USA** Other Information Call: **Autotype UK:-011 44 1295 771111**  
**Autotype USA:- 1-847-303-5900**

Signature of Person Responsible for Preparation (Optional)

Date Prepared **March 1997**

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits STEL	% (optional)	CAS No
*DICHLOROMETHANE LD50 1500-2500mg/Kg Oral rat-		25ppm	125ppm	90	75092
ISOPROPYL ALCOHOL LD50 5840mg/Kg Oral rat		400ppm		1	67890

**SARA TITLE III (USA)**  
 \* N.B. THIS SUBSTANCE IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EP & CRTK ACT 1986

NOT SUBJECT TO RULES 1171, 449.1 etc CONCERNING VOLATILE ORGANIC COMPOUNDS

CONTAINS NO PHOTOCHEMICALLY ACTIVE SOLVENTS AS DEFINED (REGULATIONS AP-5-01(C))

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	40.2°C	Specific Gravity (H <sub>2</sub> O=1)	1.3	Vapor Pressure (mm (Hg))	360
		Vapour Density (Air = 1)	2.98		
Solubility in Water	1.6%	Reactivity in Water	DECOMPOSES - IMMISCIBLE		
Appearance and Odor	SLIGHT YELLOW LIQUID, SOLVENT ODOUR		Melting Point	N/A	

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	Method Used	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
	SEE BELOW					
Auto-Ignition Temperature	N/A	Extinguisher Media	N/A			

Special Fire Fighting Procedures **IF OTHER COMBUSTIBLES BURNING, WEAR BREATHING APPARATUS.**

Unusual Fire and Explosion Hazards **\* NON -FLAMMABLE IN NORMAL USE DUE TO EXTINGUISHING EFFECT OF DICHLOROMETHANE VAPOUR. SOLVENT CAN BE IGNITED BY HIGH ENERGY SWITCHGEAR. FORMS FLAMMABLE MIXTURES WITH OXYGEN BETWEEN 15-26% CONCENTRATION.**

HMIS RATING	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	2C

\* See Chronic Effects Information

**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) Autobond X (USA) p. 2**

Stability	Unstable ✓ Stable	Conditions to Avoid	HOT SURFACES, HIGH INTENSITY U.V.
Incompatibility (Materials to Avoid)	ALKALI METALS, NITRIC ACID, ALUMINIUM, PLASTICS.		
Hazardous Decomposition Products	N/A		
Hazardous Polymerisation	May occur ✓ Will not occur	Conditions to Avoid	N/A

**SECTION 6 - HEALTH HAZARDS**

1. Acute	ANAESTHETISATION, NAUSEA.	2. Chronic	BLOOD AND CNS EFFECTS, POSSIBLE RISK OF IRREVERSIBLE EFFECTS
Signs and Symptoms of Exposure	HEADACHE, DROWSINESS		
Medical Conditions Generally Aggravated by Exposure	RESPIRATORY PROBLEMS, SKIN SENSITIVITY		
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes ✓ No	IARC Monographs
			Yes ✓ No
			OSHA
			Yes ✓ No
Emergency and First Aid Procedures	REMOVE TO FRESH AIR, REST, DRINK, GET MEDICAL AID.		
<b>GET</b>  <b>ROUTES OF ENTRY</b> >	1. Inhalation	ANAESTHETISATION.	REMOVE TO FRESH AIR, REST, DRINK. APPLY AIR IF NECESSARY
	2. Eyes	IRRITATION	IRRIGATE: 15 MINUTES WATER MEDICAL
	3. Skin	IRRITATION	WASH THOROUGHLY. HELP
	4. Ingestion	DISCOMFORT, NAUSEA, ANAESTHETISATION. GET MEDICAL HELP. RISK OF ASPIRATION	DO NOT VOMIT. DRINK WATER.

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage	STORE IN ORIGINAL CONTAINERS, IN A COOL DRY PLACE AWAY FROM DIRECT SUNLIGHT.
Other Precautions	KEEP AWAY FROM OTHER CHEMICALS, FOODSTUFFS AND CHILDREN.
Steps to be Taken in Case Material is Released or Spilled	PROTECT PERSONNEL. VENTILATE AREA. ABSORB IN SAND, TRANSFER TO SAFE SITE.
Waste Disposal Methods (Consult federal, state and local regulations)	BY AUTHORISED INDUSTRIAL CHEMICAL DISPOSAL.

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type)	NOT NECESSARY IN NORMAL USE (3m type 8712 canister for spillage).				
Ventilation	Local Exhaust	Mechanical (General)	Special	Other	
	✓	✓	✓	N/A	N/A
Protective Gloves	Nitrile Rubber	Eye Protection	GOGGLES		
Other protective Clothing or equipment	PLASTIC APRON				
Work/Hygiene Practices	Refer to Product Data Sheet and specific customer guidance on use of dichloromethane.				

**IMPORTANT**

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.