

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 1235 770063

City, State, and ZIP

SCHAUMBURG, ILLINOIS, 60173-3810, USA

Other

Information Calls:

Autotype UK: 011 44 1235 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

87830

SARA TITLE III (USA)

* N.B. THIS SUBSTANCE IS
SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION
318 OF THE EP & CRTK ACT 1986

NOT SUBJECT TO RULES 1171, 443.1 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 (H₂O=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

SEE BELOW

Flammable Limits
in Air % by Volume

LEL

Lower

N/A

UEL

Upper

N/A

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 15-86% 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.					

**ROUTES
OF
ENTRY**

GET

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

SECTION 4 - PROTECTION IN OPERATION/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.