

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION I - MANUFACTURER INFORMATIONS

Manufacturer..... : Laboratoires St-Antoine Inc.
 Address..... : 2834, Marie-Victorin
 City and Province..... : St-Antoine-de-Tilly, P.Q.
 Zip Code..... : G0S 2C0

 Product Name..... : Met-A-Lum
 Classification of S.I.M.D.U.T..... : B2, D2A, D2B
 Use..... : Laminating resin
 Emergency phone..... : (613) 996-6666 (Canutec)

SECTION II - DANGEROUS INGREDIENTS

Ingredient	#Cas/UN	%	LD50	LC50
Styrene (monomer)	100-42-5	40-50	5000mg/kg Rat/oral	2800 ppm

SECTION III - PHYSICAL DATA

Form..... : Liquid, (viscous liquid)
 Appearance..... : Past, viscous
 Threshold Odour..... : 0.1 ppm
 Density..... : N/D
 Vapour Tension..... : 4.5 (mmHg) @ 20 °C (Styrène)
 Vapour Density..... : >1 Air=1
 Evaporate Rate..... : N/D
 Ebullition Temperature..... : 146.2° C (293.4° F)
 pH..... : N/D
 Solubility in water..... : very slightly soluble in cold water
 Volatility(%)..... : 33% (Styrène)

SECTION IV - FIRE AND EXPLOSION DATA

Flammability..... : yes
Conditions of flammability..... : Highly flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of heat
Extinguishing media..... : Dry chemicals, CO₂, alcohol foam or water spray
Threshold maximal Flammability..... : 6.1%
Threshold minimal Flammability..... : 1.1%
Autoignition Temperature..... : 490 °C (Styrène)
Dangerous products in decomposition..... : Carbon oxides (CO, CO₂)

SECTION V - REACTIVITY DATA

Chemical stability..... : yes
Incompatibility..... :
Reactivity condition..... : N/D
Dangerous products in decomposition..... : N/D

SECTION VI - HEALTH HAZARD INFORMATIONS

Exposition limits..... :
Absorption way..... : Inhalation (X) Eyes (X) Skin (X) Ingest (X)
Effects of chronic exposure..... :
Inhalation..... : Extremely dangerous in case lungs irritant
Eyes..... : irritant
Skin..... : irritant
Ingestion..... : irritant
DL50..... : 5000mg/kg Rat/oral
Sensitizing capability of material.. : N/D
Carcinogenic effects..... : N/D
Reproductive effects..... : N/D
Teratogenicity effects..... : N/D
Mutagenicity..... : N/D
Synergistic Materials..... : N/D

SECTION VII - PREVENTIVE MEASURES

Step to be taken in case material is released or spilled :

..-- Stop leak if without risk. Absorb with dry earth,sand or other non-combustible material.

Elimination of residue... :

Personal protection.

Respiratory : Vapors respirator

Skin..... :glove and full suit

Eyes..... : splash goggles

Other..... : boots

Storage and handling

Storage..... : should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place.

SECTION VIII - FIRST AID TREATMENTS DATA

Inhalation..... : allow the victim to rest in a well ventilated area. Seek immediate medical attention

Eyes..... : check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention

Skin..... : remove the contaminated clothes as quickly as possible. Place the victim under a deluge shower. Wash the contaminated skin with running water and non-abrasive soap.

Ingestion : **DO NOT INDUCE VOMITING.** Have conscious person drink several glasses of water or milk. Seek immediate medical attention

POISON CONTROL CENTRE : 1-800-463-5060 (no charge)
