

IDENTIFICATION

PRODUCT NAME: ADHL-POLY-X / PART A

MANUFACTURER/SUPPLIER: Adhesiveslab
235 Rayette Rd, Unit #4
Concord, Ontario Canada L4K 2G1

24 HOUR EMERGENCY NUMBER: 1-800-340-7697

APPLICATION AND USE: Clear Polyaspartic acid ester coating – Part A

PRODUCT DESCRIPTION: Two-component polyaspartic acid ester coating
(solvent-based polyurethane blends)

HAZARDS IDENTIFICATION

GHS CLASSIFICATION - Acute toxicity (oral): Category 2
- Skin corrosion/irritation: Category 2
- Skin sensitization: Category 1B
- Chronic aquatic toxicity: Category 2



SIGNAL WORD **WARNING**

HAZARD STATEMENTS - H302 Harmful if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H411 Toxic to aquatic life with long lasting effects

PREVENTION - P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves/protective clothing/eye protective/face protection

RESPONSE - P332 + P313 If skin irritation occurs: Get medical advice/attention
- P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse

STORAGE - P403 + P233 Store in a well ventilated place. Keep container tightly closed

DISPOSAL - P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

IN CASE OF FIRE - Notify your local fire station and inform the location of the fire and characteristics hazard.
- Wear appropriate protective equipment

FIRST AID - P301 + P312: IF Swallowed: Call a POISON CENTRE or doctor/physician if you feel unwell.
 - P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

Other hazard which do not result in classification: (NFPA Classification)
 o NFPA grade (0~4 level)
 - Health: 2 Flammability: 3, Reactivity : 0

COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	C.AS. #	Concentration
{tert-}Butyl acetate	540-88-5 100	1-15
Aspartic Acid, N-N'-(methylene-4,1, cyclohexandiyl)bis-, 1,1', 4,4', tetraethyl ester	136210-30-5	30-70

SAFETY DATA SHEET

FIRST-AID MEASURES

FIRST-AID MEASURES

EYE CONTACT - In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

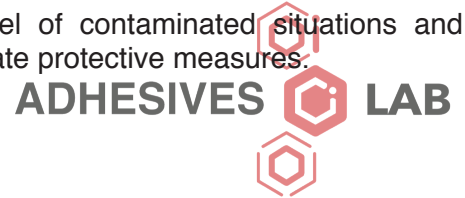
SKIN CONTACT..... -Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Laundering enough contaminated clothing before reuse. Go to the hospital immediately if symptoms (flare, irritate) occur. Wash thoroughly after handling. Wash immediately with plenty of soap and water. Remove and clean all contaminated clothing and launder before reuse.

INHALATION -When exposed to large amounts of steam and mist, move to fresh air. Take specific treatment if needed.

INGESTION - In the case of overexposure, remove to fresh air. Get medical attention if the victim is in respiratory distress. About whether I should induce vomiting Take the advice of a doctor. Rinse your mouth with water immediately. If swallowed, drink two glasses of water. Do not induce vomiting. The material is corrosive. Do not give anything to mouth to an unconscious person. Get prompt medical attention.

ADDITIONAL INFORMATION -Notify medical personnel of contaminated situations and have them take appropriate protective measures.

MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE OR DELAYED -Not available.



FIRE-FIGHTING MEASURES

GENERAL FIRE HAZARDS	Combustible liquid; may release vapours that form combustible mixtures at or above the flash point. Toxic gases will form upon combustion.
SUITABLE EXTINGUISHING MEDIA	-Dry chemical, carbon dioxide, regular foam extinguishing agent, spray
UNSUITABLE EXTINGUISHING MEDIA	- Avoid use of water jet for extinguishing
SPECIAL PROTECTION EQUIPMENT FOR FIRE FIGHTERS	-Notify your local firestation and inform the location of the fire and characteristics hazard. -Using a unattended and water devices in case of large fire and leave alone to burn if you do not imperative. -Avoid inhalation of materials or combustion by-products. -Do not access if the tank on fire. -Use appropriate extinguishing measure suitable for surrounding fire. -Keep containers cool with water spray. -Vapour or gas is burned at distant ignition sources can be spread quickly.
HAZARDOUS COMBUSTION PRODUCTS ...	-Carbon dioxide, and carbon monoxide, various hydrocarbons, phenol.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	-Must work against the wind, let the upwind people to evacuate -Move container to safe area from the leak area. -Remove all sources of ignition. -Do not direct water at spill or source of leak -Avoid skin contact and inhalation.
ENVIRONMENTAL PRECAUTIONS	-Prevent runoff and contact with waterways, drains or sewers -If large amounts have been spilled, inform the relevant authorities.
CONTAINMENT AND CLEAN UP	-Large spill: stay upwind and keep out of low areas. Dike for later disposal. - Notification to central government, local government. When emissions at least of the standard amount - Dispose of waste in accordance with local regulation. - Appropriate container for disposal of spilled material collected. - Small leak: sand or other non-combustible material, please let use absorption. - Wipe off the solvent - Dike for later disposal. - Prevent the influx to waterways, sewers, basements or confined spaces.

HANDLING AND STORAGE

- PRECAUTIONS FOR SAFE HANDLING - Wash thoroughly after handling
- Avoid direct physical contact
- Avoid contact with incompatible materials.
- CONDITIONS FOR SAFE STORAGE - Refer to Engineering controls and personal protective equipment.
- Do not inhale the steam prolonged or repeated.
- Do not use damaged containers
- Do not apply direct heat
- Save applicable laws and regulations.
- Avoid direct sunlight
- Keep in the original container.
- Collected them in sealed container.
- Do not eat, drink or smoke when using this product.
- Store away from water and sewer.

EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

DIPROPYLENE GLYCOL METHYL ETHER ... - Not available

APPROPRIATE ENGINEERING CONTROL - A system of local and/or general exhaust is recommended to keep employee exposure above the Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. The use of local exhaust ventilation is recommended to control emissions near the source.

PERSONAL PROTECTIVE EQUIPMENT:

- EYE / TYPE -Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.
- Provide an emergency eye wash station and quick drench shower in the immediate work area.
- RESPIRATORY PROTECTION -Under conditions of frequent use or heavy exposure, Respiratory protection may be needed.
- Respiratory protection is ranked in order from minimum to maximum.
- SKIN PROTECTION/ GLOVES/ CLOTHING ... - Consider warning properties before use.
- OTHER/TYPE - For unknown Concentration or Immediately Dangerous to Life or Health: Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece.
-Wear appropriate clothing
-Not available

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 302°C (572°F) Specific Gravity: 1.0-1.1
Vapor Pressure: Nd Melting Point: 0°C (32°F)
Vapor Density: Nd Evaporation Rate: Nd
(Air = 1) (Butyl Acetate = 1)
Solubility In Water: <1% Ph: Ne (Alkaline)
Coefficient Of Water/oil Distribution: Nd Odor Threshold: Nd
Appearance And Odor: Clear Liquid. Solvent Odor.
% Volatiles By Volume: 20% %solids By Weight: 84%

STABILITY AND REACTIVITY

REACTIVITY -This material is stable under recommended storage and handling conditions.

CHEMICAL STABILITY -This material is stable under recommended storage and handling conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:
CONDITIONS TO AVOID -Hazardous Polymerization will not occur.

..... -Avoid contact with incompatible materials and condition.

..... -Avoid: Accumulation of electrostatic charges, Heating, Flames and hot surfaces.

INCOMPATIBLE MATERIALS -Not available

HAZARDOUS DECOMPOSITION PRODUCTS...-May emit flammable vapour if involved in fire.

ECOLOGICAL INFORMATION

AQUATIC TOXICITY.....no data available
PERSISTENCE AND DEGRADABILITY..... no data available

TRANSPORTATION INFORMATION

TDG CLASSIFICATION Not regulated
UN No. (IMDG)..... Non Hazmat
Proper shipping name..... Non Hazmat
Hazard Label FLAMMABLE LIQUID
IMDG Packing group..... Non Hazmat

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