IDENTIFICATION

SECTION 1: PRODUCT INFORMATION

PRODUCT NAME: SQUID-ART **- PART A**

MANUFACTURER/SUPPLIER:	CHEMTEC 913 Rue Michelin, Laval, Quebec Canada H7L 5B6
HOUR EMERGENCY NUMBER:	1-888-CANUTEC (1-888-226-8832)
APPLICATION AND USE:	Clear Epoxy Resin - PART A
RECOMMENDED ON USE AND RESTRICTION ON USE:	N/A

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION

SIGNAL WORD .....
WARNING

-Skin corrosion/irritation: Category 2
-Severe eye damage / irritation: Category2A
-Skin sensitization: Category 1
-Chronic aquatic toxicity: Category 2

GHS LABEL ELEMENTS

HAZARD STATEMENTS
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction.
- H319 Causes severe eye irritation
- H401 Toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

1. PREVENTION
   - P201 Obtain special instructions before use.
   - P202 Do not handle the substance before reading and understanding all the safety instructions.
   - P261 Avoid breathing dust, smoke, gas, fog, vapors, spray.
   - P264 Wash hands carefully after handling.
   - P270 Do not eat, drink or smoke while handling this product.
   - P272 Contaminated work clothing cannot be removed from the workplace.
   - P280 Wear gloves, clothing, glasses and protective mask.

-

SQUIDPOXY

2. RESPONSE
- P331 Do not induce vomiting
- P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P363: Wash contaminated clothing before reuse
- P302 + P352 If on skin. Wash with plenty of water.
- P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 In case of contact with eyes: Rinse cautiously with water for several minutes.
- Remove contact lenses, if it is worn and it is easy to continue rinsing.
- P332 + P313 In case of skin irritation: consult a doctor

3. STORAGE
- P403 + P235 Store in a well-ventilated place, keep in a cool place.

4. DISPOSAL
P501 Dispose of contents, container in accordance with federal/state/local environmental control regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	C.AS. #	(%) Content
Bisphenol A epoxy resin	25068-38-6	>80
Mixture	ND	<20

SECTION 4: FIRST-AID MEASURES

GENERAL ADVICE
-Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

EYE CONTACT
-Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.

SKIN CONTACT
-Immediately remove contaminated clothing, and any extraneous chemical, if possible, to do so without delay. Flush immediately with copious amounts of water. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

INHALATION
- Move to fresh air.

INGESTION

- Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Prevent aspiration of vomit. Turn victim's head to the side.

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

MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE OR DELAYED
-Eye disease. Skin disorders and Allergies.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA
-Alcohol-resistant foam.
-Carbon dioxide (CO2).
-Dry chemical. Dry sand.

SPECIFIC RISKS ARISING FROM THE CHEMICAL SUBSTANCE
-No available

SPECIAL PROTECTION ACTIONS FOR FIREFIGHTERS
-Wear self-contained breathing apparatus for firefighting if necessary

MORE INFORMATION
- Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations.
- Do not allow runoff against fires into drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
-Use self-contained breathing apparatus and chemically protective clothing.
-Evacuate personnel to safe areas

ENVIRONMENTAL PRECAUTIONS

- Do not allow spill to enter into sewers or waterways

METHODS TO CLEAN

-Approach suspected leak areas with caution. Place in appropriate chemical waste container.
-If solid: contain and clean mechanically, waste according local regulations
-If liquid: clean with inert absorbent material (sand, silica powder, etc).

ADDITIONAL TIPS
If possible, stop the flow of the product. Slippery material when spilled

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
- Ensure good ventilation / extraction in the work place
- Avoid all sources of ignition: heat, sparks, flame

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITY
- Keep container tightly closed
-Keep the container in a well-ventilated place
-Protect from temperatures below 0°C (32°F)
- Protect from temperatures above 40°C (104°F)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS
ACGIH TLV
Not available

ENGINEERING CONTROLS
Ensure adequate ventilation

PERSONAL PROTECTION EQUIPMENT
-Respiratory protection: respiratory protection may be required.
- Eye protection: eye protection such as splash-resistant safety goggles with a secondary face shield.
- Provide an emergency eye wash station and a quick immersion shower in the immediate work area.
- Hand protection: Wear the appropriate glove resistant ton chemical products.
- Body protection: Wear appropriate clothing.

OTHERS
Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

A.Appearance	
-Appearance	Liquid
-Colour	1
B.Odour	ND
C.Odour threshold	ND
D.pH	Not soluble
E.Melting Point / Freezing Point	-16°C (at 1,013hPa)
F.Boiling Point	NA
G.Flash Point	NA
H.Evaporation Ratio	NA
I.Flammability (solid/gas)	NA
J.Upper / Lower flammability or explosive limit	NA

K.Vapour Pressure	4.6 x 10-8Pa (at 25°C)
L.Vapor Density	NA
M.Specific Gravity (Density)	1.13 (kg/L @ 25°C)
N.Solubility	6.9mg/L (at 20°C) - Insoluble
O.Partition Coefficient n-octane/water	NA
P.Autoignition Temperature	NA
Q.Decomposition Temperature	NA
R.Viscosity	NA
S.Molecular weight	NA
T.Flash Point	NA

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY AND REACTIVITY
-Stable under normal conditions of handling and storage.

CONDITIONS TO AVOID
-None known during use and storage if used in accordance with instructions.

MATERIALS TO AVOID
-Bases, acids and any oxidizing material

DANGEROUS PRODUCTS OF DECOMPOSITION
-No data available

SECTION 11: TOXICOLOGICAL INFORMATION

MAIN ROUTES OF EXPOSURE
The routes of entry of solids and liquids are ingestion and inhalation but may include contact with the eyes or skin. Gasentry routes include inhalation and eye contact. Skin contact may be an entry route for liquefied gases. Main routes ofentry: inhalation, dermal contact, ingestion.

ACUTE TOXICITY / EFFECTS:
-Oral: LS50: 3,800 mg/kg Specie: Rat
-Inhalation: no data available on the product itself
-Dermal: LD50: 8,500 mg/kg Specie: Rat
-Irritation / eye corrosion: Severe eye irritation
-Irritation / acute dermic corrosion: severe skin irritation
-Sensitization: Sensitization has occurred in laboratory animals after repeated exposures. May cause sensibilization by skin contact. causes sensitization in cavy

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY
Not available

PERSISTENCE AND DEGRADABILITY
Not available

BIO ACCUMULATIVE POTENTIAL
Not available

MOBILITY IN THE SOIL
Not available

OTHER ADVERSE EFFECTS
Not available

SECTION 13: DISPOSAL CONSIDERATIONS

METHODS OF ELIMINATION
-Waste from waste / not used: must be disposed of in accordance with local regulations. This product, if disposed ofproperly, is not a hazardous waste as specified in 40 CFR 261
-Contaminated packaging: Due to the empty container retains product residues, all hazard precautions must beobserved on labels.

SECTION 14: TRANSPORTATION INFORMATION

UN/ID No. (IMDG)
-3082
Correct shipping name
-Environmentally hazardous substances, liquids, (bisphenol A Epoxy resin)

Class or Division
- 9
IMDG Packaging group
-III

Label (s)
-9
Marine Pollutant
Applicable

Special precautions for the user related to transport measures
No data available

SECTION 15: REGULATORY INFORMATION

-Not applicable

SECTION 16: OTHER INFORMATION

October 2019

SQUIDPOXY

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

IDENTIFICATION

SECTION 1: PRODUCT INFORMATION

PRODUCT NAME: SQUID-ART - **PART B**

MANUFACTURER/SUPPLIER:	CHEMTEC 913 Rue Michelin, Laval, Quebec Canada H7L 5B6 1-888-CANUTEC (1-888-226-8832)
HOUR EMERGENCY NUMBER:	1-800-340-7697
APPLICATION AND USE:	Clear Epoxy Curing Agent – Part B
RECOMMENDED ON USE AND RESTRICTION ON USE:	Not available

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION

-Acute toxicity - Oral Category 4
-Acute toxicity - Dermal Category 4
-Serious eye damage and eye irritation - Category 1
-Aquatic toxicity acute - Category 2
-Aquatic toxicity chronic - Category 2

GHS LABEL ELEMENTS

Hazard Symbols:

SIGNAL WORD WARNING

HAZARD STATEMENTS

-H302: Harmful if swallowed.
-H312: Harmful in contact with skin.
-H318: Causes serious eye damage.
-H401: Toxic to aquatic.

SQUIDPOXY

-H411: Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

PREVENTION
-P201: Obtain special instructions before use.
-P202: Do not handle until all safety precautions have been read and understood.
-P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
-P264: Wash thoroughly after handling.
-P270: Do no eat, drink or smoke when using this product.
-P272: Contaminated work clothing should not be allowed out of the workplace.
-P280: Wear protective gloves/protective clothing/eye protection/face protection.
-P281: Use personal protective equipment as required.

RESPONSE
-P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
-P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
-P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
-P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
-P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue rinsing.
-P308+P313: IF exposed or concerned: Get medical advice/attention.
-P310: Immediately call a POISON CENTER or doctor/physician.
-P333+P311: If skin irritation or rash occurs: Get medical advice/attention.
-P363: Wash contaminated clothing before reuse.

STORAGE
-P405: Store locked up.

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Content (%)
Trimethylolpropane tris (poly(propylene glycol), amine terminated) ether	39423-51-3	< 90
Trade Secret	N/A	>10

SECTION 4: FIRST-AID MEASURES

General advice: Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Eye contact: Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.

Skin contact: Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Flush immediately with copious amounts of water. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Prevent aspiration of vomit. Turn victim's head to the side.

Inhalation: Move to fresh air.

Most important symptoms/effects: Eye disease. Skin disorders and Allergies.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA
-Alcohol-resistant foam.
-Carbon dioxide (CO2).
-Dry chemical.
-Dry sand
-Limestone powder.

UNSUITABLE EXTINGUISHING MEDIA
-Not available.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE
-Incomplete combustion may form carbon monoxide.
-May generate ammonia gas.
-May generate toxic nitrogen oxide gases.
-Do not allow run-off from firefighting to enter drains or water courses.
-Burning produces noxious and toxic fumes.
-Downwind personnel must be evacuated.

SPECIAL PROTECTION ACTIONS FOR FIREFIGHTERS
-Avoid contact with the skin.
-A face shield should be worn.
-Wear self contained breathing apparatus for fire fighting if necessary.

FURTHER INFORMATION
-Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

-Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
-Use self-contained breathing apparatus and chemically protective clothing.
-Evacuate personnel to safe areas.

ENVIRONMENTAL PRECAUTIONS
-Construct a dike to prevent spreading.

METHODS FOR CLEANING UP
-Approach suspected leak areas with caution.Place in appropriate chemical waste container.

FURTHER INFORMATION
-If possible, stop flow of product.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
-Use in well ventilated places.
-Avoid contact with skin and eyes.
-Emergency showers and eye wash stations should be readily accessible.
-Adhere to work practice rules established by government regulations.
-Use personal protective equipment.
-When using, do not eat, drink or smoke.

CONDITIONS FOR SAFE STORAGE
-Do not store near acids.
-Keep containers tightly closed in a dry, cool and well- ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS
oACGIH TLV
-Not available

ENGINEERING CONTROLS
Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.
Ventilation: Normal room ventilation is sufficient, however, mechanical ventilation It provides better results.

PERSONAL PROTECTION
-Respiratory protection: Respiratory protection against organic vapours.
-Eye protection: Full gace goggles underneath.
-Hand protection: Use neoprene or plastic gloves.

-Body protection: Impervious clothing. Rubber or plastic boots. Slicker suit.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

A.Appearance	
- Appearance	Liquid
- Color	Transparent or slightly yellow
B. Odor	Not available
C. Odor threshold	Not available
D.Ph	Not available
E. Melting point / freezing point	< -20 °C
F. Initial boiling point / boiling range	Not available
G. Flammability point	113 °C closed container
H.Evaporation rate	Not available
I. Inflammability	Not available
J. Upper / lower flammability limits	Not explosive
K. Vapor pressure	Not available
L. Solubility	Not available
M. Vapor density	Not available
N.Relative density	Not available
O. Partition coefficient n-octanol / water	Not available
P. Auto-ignition temperature	Not available
Q. Decomposition temperature	Not available
R. Viscosity	Not available
S. Molecular weight	Not available
T. Flash Point	Not available

SECTION 10: STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID
-No data available.

MATERIALS TO AVOID

-Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds.
-Organic acids (i.e. acetic acid, citric acid etc.). Mineral acids. Sodium hypochlorite.
-Product slowly corrodes copper, aluminum, zinc and galvanized surfaces.
-Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
-Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
-Nitric acid. Ammonia.
-Nitrogen oxides (NOx).
-Nitrogen oxide can react with water vapors to form corrosive nitric acid.
-Carbon monoxide (CO). Carbon dioxide (CO2).
-Aldehydes.
-Flammable hydrocarbon fragments.

SECTION 11: TOXICOLOGICAL INFORMATION

Respiratory or skin sensitization
Buehler Test - guinea pig
Result: Does not cause skin sensitization. (OECD TG 406)

Germ cell mutagenicity
Hamster ovary
Negative result

Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable human carcinogen, possible or confirmed by IARC.

ACGIH: No component of this product is identified, which has levels greater than or equal to 0.1% as a carcinogen or as a potential carcinogen by the ACGIH.

NTP: This product does not identify any component, which has levels greater than or equal to 0.1%, as a carcinogen known or anticipated by the (NTP) National Toxicology Program.

OSHA: No component of this product is identified that has levels greater than or equal to 0.1% as a carcinogen or as a potential carcinogen by the Occupational Safety and Health Administration (OSHA).

Reproductive toxicity no data available
Specific toxicity in certain organs - single exposure no data available
Specific toxicity in certain organs - repeated exposures no data available
Aspiration hazard no data available

Additional Information
RTECS: no data available

The product causes severe destruction of the tissues of the mucous membranes, upper respiratory tract, eyes and skin, spasm, swelling and edema of the larynx, spasm, inflammation and edema of the

bronchi, pneumonitis, pulmonary edema, burning, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea

Stomach - Irregularities - Based on human evidence Stomach - Irregularities - Based on human evidence

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Toxicity to fish:
Static test CL50 - Oncorhynchus mykiss (rainbow trout) -> 100 mg / l - 96h (OECD TG 203)

Toxicity for the daphnias and other acuatic invertebrates:
Static test EC50 - Daphnia magna (Large sea flea) - 13 mg / l - 48 h (OECD TG 202)

Toxicity for algae:
Static test EC50 - Pseudokirchneriella subcapitata - 4.4 mg / l - 72 h (OECD TG 201)

Toxicity to bacteria:
Inhibition of respiration EC50 - Sludge treatment - approx. 1,000 mg / l - 30 min (OECD TG 209)

Toxicity to other organisms: No data available.

Persistence and degradability
Not available

Bioaccumulative potential
Not available

Mobility
Not available

Other adverse effects
Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Methods of elimination
Waste from residues/ unused: Contact supplier if guidance is required.
Contaminated packing: Dispose of container and unused contents in accordance with federal, and local requirements.

SECTION 14 : TRANSPORTATION INFORMATION

UN/ID No. (IMDG)
-UN 3082

Proper shipping name
-Environmentally hazardous substance, liquid, n.o.s. (Trimethylolpropane tris [poly(propylene glycol), amine terminated] ether)

Class or Division
-9

Packing group IMDG
-III

Label (s)
-9

Marine pollutant
-Yes

Special precautions for the user related to transport measures
-Not available

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class (es) Corrosive.

SECTION 16: OTHER INFORMATION

October 2019

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.