Date prepared: MARCH 2013
Date revised: FEBRUARY 2019
SDS No. IPA.1

Section 1 – Product Identification

IDENTITY: *Product Name:* **InjectPro-61-Accelerator**
Product Use Description: Accelerator for Hydrophobic flexible Polyurethane Injection Grout

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Recommended use of the chemical and restriction on use: Refer to the product technical data sheet. For industrial and professional users.

Section 2 – Hazards Identification

GHS Classification:

Skin corrosion, Category 1B	= H314.
Skin sensitization, Category 1	= H317.
Respiratory tract irritation, Category 3	= H335.
Gem cell mutagenicity, Category 2	= H341.
Reproductive toxicity, Category 1B	= H360.
Target organ toxicity, repeated exposure, Category 1	= H372.

GHS Label element:

Hazard Pictograms

GHS05 GHS07 GHS08

Signal Word: Danger

Hazard Statements:

H314:	Causes severe skin burns and eye damage.
H317:	May cause an allergic skin reaction.
H335:	May cause respiratory irritation.
H341:	Suspected of causing genetic defects.
H360:	May damage fertility or the unborn child.
H372:	Causes damage to organs through prolonged or repeated exposure if swallowed.

Precautionary Statements:

Prevention:

P102:	Keep out of reach of children.
P202:	Do not handle until all safety precautions have been read and understood.
P260:	Do not breathe mist, vapors or spray.
P264:	Wash skin thoroughly after handling.
P270:	Do not eat, drink or smoke when using this product.
P271:	Use only outdoors or in a well-ventilated area.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P330 + P331:	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P310:	Immediately call a POISON CENTER or Physician.
P303 + P353 + P361:	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with

water or shower.
P363: Wash contaminated clothing before reuse.
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P314: Get medical advice if you feel unwell.
P342 + P311: If experiencing respiratory symptoms: call a POISON CENTER or physician.
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.

Storage:
P403 + P410: Store in a well-ventilated place. Protect from sunlight.
P405: Store locked up.

Disposal:
P501: Dispose of contents/container to an approved waste disposal site.

Section 3 – Composition / Information on Hazardous Ingredients

Component:	CAS No.	% (Weight)
Tertiary amines	Trade Secret	5 - 20
Tin mercaptide	Trade Secrete	≤ 5

Note: There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 – First Aid Measures

Inhalation: Supply fresh air and consult a physician if breathing becomes difficult.

Ingestion: If person is conscious, wash out mouth with water. Do not induce vomiting unless instructed to do so by a poison center or physician. Consult a physician.

Skin Contact: Immediately flush skin with plenty of water. Do not use solvents or thinners. Remove contaminated clothing and shoes. Seek medical advice if irritation or rash occurs. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses, if present. Seek medical attention.

Section 5 – Fire Fighting Measures

Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide.

Fire Fighting Procedures: Standard. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray. Do not scatter material with high pressure water streams.

Hazardous Combustion Products: Carbon oxides, nitrogen oxides, ammonia, aldehydes and tin oxide.

Explosion Hazards: None.

Section 6 – Accidental Release Measures

Person-related Safety Precautions: Provide plenty of fresh air. Avoid eye and skin contact. Avoid inhalation of vapors. Wear personal protective equipment.

Methods for cleaning-up: Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Small spills: Absorb with dry chemical absorbent, earth, sand or any other inert material. Large spills: Create a dike or trench to contain product. Follow same procedure as for a small spill.

Waste Disposal Method: Dispose in accordance with local, state and federal regulations.

Ecological Information: Do not allow product to reach ground water, bodies of water, or storm water or sewage systems.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Follow all SDS/label precautions even after the container is emptied because it may retain product residues. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

Storage: Keep container tightly closed when not in use. Do not store in direct sunlight. Avoid UV light.

Storage Temperature: 4°C – 32°C (~40°F - ~90°F).

Section 8 – Exposure Controls / Personal Protection

Exposure Limits:

COMPONENT	CAS NUMBER	OSHA/PEL	ACGIH/TLV
Tin mercaptide	Trade Secrete	0.1 Skin mg/m^3	0.1 Skin mg/m^3

Engineering Controls: Use adequate ventilation.

Respiratory Protection: Use local exhaust ventilation. For airborne exposure above exposure limit(s), wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges. For situations where the atmospheric levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure air-supplying respirator.

Skin Protection: Wear chemical resistant protective clothing and footwear impervious to the product if there is a potential for skin contact.

Hand Protection: Glove(s): neoprene.

Eye Protection: Use safety goggles or face shield.

Other Protective Equipment: A safety shower and eye wash fountain should be readily available.

Work/Hygienic Practices: Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 9 – Physical and Chemical Properties

Physical state:	Liquid
Color:	Colorless
Odor:	Mild amine
Solubility in water:	Slight
Boiling point:	No data
Flash point:	> 102°C (>216°F) (closed cup)
Vapor Pressure:	5 mmHg at 20°C (68°F)
Vapor Density (air = 1):	Heavier than air
Flammability:	No data
Specific Gravity (water = 1) at 25°C:	0.93 – 0.96 g/cm^3
Viscosity, (kinematic) at 25°C:	25 – 60 cps
pH:	10.1

Section 10 – Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, ammonia, aldehydes and tin oxide.

Chemical Stability: Stable under normal temperatures and pressures. Keep away from heat sources. Contains the following stabilizer(s): MEHQ.

Hazardous Polymerization: Will not occur.

Incompatibilities: Mineral acids, organic acids, oxidizing agents, reactive metals and peroxides.

Section 11 – Toxicological Information

Acute toxicity:

Tertiary amines	Dermal:	LD50	>12000 mg/kg	(rabbit).
	Oral:	LD50	1600 mg/kg	(rat).
	Inhalation:	LC50	> 16000 ppm/8 h	(rat).
Tin mercaptide	Dermal:	LD50	1000 – 1999 mL/kg	(rabbit).
	Oral:	LD50	>2000 mg/kg	(rat).

Carcinogenity:

IARC: Not regulated as a carcinogen.
NTP: Not regulated as a carcinogen.
OSHA: Not regulated as a carcinogen.

Section 12 – Ecological Information

Ecotoxicological Information: Aquatic Toxicity
Tertiary amines: EC50 (48h) 10,000 mg/l (Pimephales promelas)
Tin mercaptide: EC50 (48h) 0.11 mg/l (Daphnia magna)

Section 13 – Disposal Considerations

Product waste: Must be disposed of in a manner consistent with federal, state and local regulations.

Packaging waste: Decontaminate and pass to an approved drum recycler or destroy and dispose of in a

manner consistent with federal, state and local regulations.

RCRA/EPA Waste Information: If discarded in its purchased form, this material is not a RCRA hazardous waste.

Section 14 – Transport Information

USDOT (Domestic Surface): Not regulated
IMO (Ocean): Not regulated
IATA/ICAO (Air): Not regulated

Section 15 – Regulatory Information

TSCA (Toxic Substances Control Act): All components are on TSCA inventory.

RCRA Status: If discarded in its purchased form, this material is not a RCRA hazardous waste.

US Federal Regulatory Information:

SARA Title III (Superfund Amendments and Reauthorization Act:
311/312 Hazard Categories: Acute.
313 Reportable Components: None.

CERCLA (Comprehensive Environmental Response and Liability Act): **N**none.

Section 16 – Other Information

Abbreviations and acronyms:

USDOT: United States Department of Transportation.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service (Division of the American Chemical Society).
LC50: Lethal concentration, 50 percent.
LD50: Lethal dose, 50 percent.
EC50: Median effective concentration.
RQ: Reportable quantity.

This SDS is on a three year review cycle. If the date on this sheet is older than three years please contact Aquafin, Inc. for an updated SDS.

SDS prepared by: Aquafin product safety department.

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END OF SDS (February 15, 2019)