SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

PRODUCT NAME	**Vapor Lock PIA**
PRODUCT USE	Water-based material for increasing structural strength of concrete
MANUFACTURER'S NAME	**Specialty Products Group** 6254 Skyway Rd, PO Box 915 Tel 1-877-957-4626 3909 Witmer Rd Suite 1014 Smithville ON L0R 2A0 Fax 1-905-527-0606 Niagara Falls NY 14305
EMERGENCY NUMBER	613-996-6666 OR *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Flammability 5, Reactivity 5, Health 4	
ROUTE OF ENTRY	Eye contact, Ingestion, Inhalation, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, Skin, and lungs
HEALTH EFFECTS – EYE	Moderate irritation expected
HEALTH EFFECTS – SKIN	Moderate irritation expected.
HEALTH EFFECTS – INGESTION	May cause irritation to the mouth, esophagus and stomach and may cause damage to kidney (chronic ingestion)
HEALTH EFFECTS – INHALATION	Spray mist is irritating to the respiratory system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are non-hazardous and proprietary	

4. FIRST AID MEASURES

FIRST AID – INHALATION	No inhalation hazard expected.
FIRST AID – SKIN	Rinse skin with water. Remove contaminated clothing and shoes.
FIRST AID – EYE	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention.
FIRST AID – INGESTION	If swallowed, rinse mouth with water if discomfort or diarrhea persist call for medical assistance.

INFORMATION FOR DOCTOR
Most important symptoms and effects, both acute and delayed.
No further relevant information
Indications of any immediate medical attention and special treatment needed.
No further relevant information available.

5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	Non-flammable. Will not support combustion.
EXTINGUISHING MEDIA	Is compatible with all extinguishing media.
SPECIAL HAZARDS OF PRODUCT	Dries to powdery material.
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	N/A
EXPLOSION DATA – SENSITIVITY TO IMPACT	N/A
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	N/A

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Small spills – Mop up and allow to enter drain or dispose of in accordance with federal, provincial and local regulations or permits. Large spills: dispose of in accordance with federal, provincial and local regulations or permits. No special requirements.
PERSONAL PRECAUTIONS	Minimize exposure
ENVIRONMENTAL PRECAUTIONS	Unless for intended use, prevent entry into water system

7. HANDLING AND STORAGE

HANDLING	Avoid contact with eyes, skin and clothing. Keep container closed.
STORAGE	Keep container closed. Store in plastic containers.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE
Not a fire or explosive hazard

SPECIFIC END USE(S)
No further relevant information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.
RESPIRATORY PROTECTION	None
HAND PROTECTION	Wash hands after use
EYE PROTECTION	Avoid splashing or spray into eyes
BODY PROTECTION	Avoid body contact – wash or rinse any sprayed area
PROTECTION DURING APPLICATION	No special protection required

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOR & APPEARANCE	Odorless, Clear
ODOR THRESHOLD (ppm)	NA
SPECIFIC GRAVITY	1.2 -1.3
VAPOR DENSITY (AIR = 1)	ND
VAPOR PRESSURE at 20°C	ND
EVAPORATION RATE	ND
BOILING POINT (°C/°F)	100°C (212°F)
FREEZING POINT (°C/°F)	ND
pH	10-12
COEFFICIENT OF WATER/OIL DISTRIBUTION	6.5 -7.5
SOLUBILITY IN WATER	Miscible
VOC (g/L)	0
FLASH POINT (PMCC) (°C/°F)	Non-flammable.
UPPER FLAMMABLE LIMIT %VOL	NA
LOWER FLAMMABLE LIMIT %VOL	NA
AUTOIGNITION TEMP (°C/°F)	NA

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	Do Not Freeze
MATERIALS TO AVOID	None
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	None

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	Irritation to the eyes and skin is expected. Irritation to mouth, throat, nausea, vomiting, and abdominal pain. On inhalation of liquid will cause irritation to mucous membranes.
EFFECTS OF CHRONIC EXPOSURE	NA
EXPOSURE LIMITS	NA
IRRITANCY	Moderate irritation expected
SENSITIZATION	ND
CARCINOGENICITY	Not listed as a carcinogen by IARC, NTP or OSHA.
REPRODUCTIVE TOXICITY	ND
TERATOGENICITY	ND
MUTAGENICITY	ND
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	ND

12. ECOLOGICAL INFORMATION

MOBILITY	Completely miscible with water
PERSISTENCE/DEGRADABILITY	This product is not persistent in aquatic systems
BIO-ACCUMULATION	Not know to bio-accumulate
ECOTOXICITY	None known

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Dispose of in accordance with all applicable local and national regulation. No special method required
CONTAINER DISPOSAL	Labels should not be removed from containers until they have been cleaned.
UNCLEANED PACKAGINGS **Recommendation:** No special method required	

14. TRANSPORTATION INFORMATION

CANADA	**TDG CLASSIFICATION**
HAZARD LABEL NOT REQUIRED	NOT REGULATED, Keep from freezing
EXPORT	NOT REGULATED
DOT CFR 172.101 DATA	NOT REGULATED
UN PROPER SHIPPING NAME	NA
UN CLASS	NA
UN NUMBER	NA
UN PACKAGING GROUP	NA
FLASH POINT	NA
HAZARDOUS MATERIAL	NA
HAZARD LABEL	NA
MARINE POLLUTANT	NA
SPECIFIC PRECAUTIONS FOR USER	NA

15. REGULATORY INFORMATION

WHMIS CLASSIFICATION: Not regulated
CEPA STATUS (DSL): All of the ingredients of this product are listed on the Domestic Substances List.
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

16. OTHER INFORMATION



HMIS hazard ID:

0- MINIMAL
1- SLIGHT
2- MODERATE
3- SERIOUS
4- SEVERE



NFPA Hazard ID

0- MINIMAL
1- SLIGHT
2- MODERATE
3- SERIOUS
4- SEVERE

KEY	
NA:	No applicable information found or available
CAS#:	Chemical Abstracts Service Number
ACGIH:	American Conference of Governmental Industrial Hygienists
OSHA:	Occupational Safety and Health Administration
TLV:	Threshold Limit Value
PEL:	Permissible Exposure Limit
STEL:	Short Term Exposure Limit
NTP:	National Toxicology Program
IARC:	International Agency for Research on Cancer
R:	Risk
S:	Safety
LD50:	Lethal Dose 50%
LC50:	Lethal Concentration 50%

PREPARED BY:	Specialty Products Group Inc.	**SDS REVISION DATE**	November 1, 2026

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.