

**SECTION 1: IDENTIFICATION**

<b>PRODUCT NAME</b>	<b>ENVELO-POUR™ CG-P “B” Component</b>
<b>CAS NUMBER</b>	Not available
<b>PRODUCT USE</b>	Polyurethane Coating
<b>MANUFACTURER</b>	Specialty Products, Inc. (SPI)
<b>ADDRESS</b>	2410 104TH ST. CT. S. STE D LAKEWOOD, WA 98499
<b>PHONE</b>	253 588 7101 800 627 0773
<b>FAX</b>	253 588 7196
<b>EMERGENCY CONTACT</b>	FOR SPILLS, LEAKS, FIRE, OR EXPOSURE CALL <b>CHEMTREC</b>
<b>TOLL FREE</b>	<b>800 424 9300</b>
<b>INTERNATIONAL</b>	+1 703 527 3887
<b>FAX</b>	913 321 1490

**SECTION 2: HAZARDS IDENTIFICATION**
**GHS LABEL ELEMENTS**

## GHS PICTOGRAM


**WARNING**
**GHS CLASSIFICATION**

CATEGORY		HAZARD STATEMENTS	
Acute toxicity oral	Category 4	H302	Harmful if swallowed.
Skin corrosion/irritation	Category 2	H315	Causes skin irritation.
Skin sensitization	Category 1	H317	May cause an allergic skin reaction.
Serious eye damage/eye irritation	Category 2B	H320	Causes eye irritation.
Specific target organ toxicity (STOT), single exposure, narcotic effects	Category 3	H336	May cause drowsiness or dizziness.

**PRECAUTIONARY STATEMENTS**
**PREVENTION**

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**RESPONSE**

P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician IF you feel unwell.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (as detailed in this SDS).
P362	Take off contaminated clothing and wash before reuse.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313	IF SKIN irritation or rash occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	IF eye irritation persists: Get medical advice/attention.

**STORAGE**

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

**DISPOSAL**

P501	Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.
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READ THE ENTIRE SDS FOR MORE THOROUGH EVALUATION OF THE HAZARDS

**ENVELO-POUR™ CG-P “B”**

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 “PROUDLY MANUFACTURED  
IN THE USA”

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% WEIGHT
Polyol blend	*Proprietary	50-80
1,1,1,3,3-Pentafluorobutane	406-58-6	10-20
1,1,1,2,3,3,3-Heptafluoropropane	431-89-0	<5
Tris-iso-chloropropyl phosphate	13674-84-5	5-15
Tertiary amine catalyst	*Proprietary	0-1
Surfactant	*Proprietary	1-5

\*The specific chemical identity and exact percentage (concentration) is withheld as a trade secret per applicable regulations and statutes.

### SECTION 4: FIRST AID MEASURES

<b>EYE:</b>	Immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. Obtain medical attention immediately.
<b>SKIN:</b>	In case of contact, immediately remove contaminated clothing and shoes. Immediately flush skin with plenty of soap and cold water. Do not use hot water. Wash contaminated clothing and shoes thoroughly before reuse. For severe exposures, immediately get under safety shower and start rinsing. If irritation develops, obtain medical attention.
<b>INHALATION:</b>	Move exposed person to fresh air. Keep person warm and at rest. If not breathing, breathing irregularly, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Obtain medical attention if adverse health effects persist. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie belt, or waistband. If thermal decomposition products are inhaled during a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>INGESTION:</b>	Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and exposed person is conscious, give small quantities of water (250 mL). Stop if the exposed person feels sick, as vomiting may be dangerous. Obtain medical attention if symptoms occur. DO NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter lungs. Get immediate medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.
<b>NOTES TO PHYSICIAN:</b>	Following severe exposure patient should be kept under medical review for at least 48 hours.

### SECTION 5: FIRE FIGHTING MEASURES

<b>FLASH POINT:</b>	>200°F (93°C).
<b>HAZARDS WHEN ON FIRE OR NEAR FLAME:</b>	Not available.
<b>SUITABLE EXTINGUISHING MEDIA:</b>	Dry chemical, carbon dioxide, foam, water spray for large fires.
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	Not available.
<b>SPECIAL EXPOSURE HAZARDS:</b>	Not available.
<b>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet, and protective clothing should be worn.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>ACCIDENTAL RELEASE MEASURES:</b>	For major spills call <b>CHEMTREC</b> : Toll free <b>1-800-424-9300</b> for international call <b>1-703-527-3887</b> .
<b>PERSONAL PRECAUTIONS:</b>	Avoid breathing vapors or mist. Provide adequate ventilation. Use suitable protective equipment.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Avoid spreading of spilled material, runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution.
<b>METHODS FOR CONTAINMENT:</b>	Use diking or capping to control migration. Contain and absorb large spillages with a non-flammable absorbent carrier (such as vermiculite, earth, or sand). Shovel into open-top drums or plastic bags for further decontamination, if necessary. Remove and properly dispose of residues. Dispose of via a licensed waste disposal contractor (See SECTION 13: DISPOSAL CONSIDERATIONS) Notify applicable government authorities if release is reportable.
<b>METHODS FOR CLEANING UP:</b>	Move containers from spill area. Approach release from upwind. Contain to prevent spread into drains, sewers, water supplies or soil by creating a dike or trench. For minor spills, spread sawdust or other absorbent material over the spill area and allow at least 30 minutes to absorb as much of the remaining product as possible. Shovel into suitable metal containers for waste disposal. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose via a licensed waste disposal contractor. The spill area should then be washed down with soap and warm water to dilute and remove remaining traces of material. Ventilate area to remove the remaining vapors. For major spills, released material may be pumped into containers for disposal. Wear suitable personal protective equipment.

**SECTION 7: HANDLING & STORAGE**

<b>GENERAL:</b>	Ideal storage temperature is 50-80°F (10-27°C). Handling and storage shall be in accordance with local, state/provincial, or federal regulations.
<b>HANDLING:</b>	Do not inhale vapor/spray. Avoid contact with skin and eyes. Put on appropriate personal protective equipment (see Section 8). Eating, drinking, and smoking should be prohibited in areas where material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material; keep tightly closed and sealed until ready for use.
<b>STORAGE:</b>	Store in tightly closed containers in a cool, dry, and ventilated place away from incompatible materials and food and drink. Store away from ignition sources. Protect containers against physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>EXPOSURE LIMITS:</b>		
<b>COMPONENT NAME</b>	<b>CAS NUMBER</b>	<b>EXPOSURE LIMITS</b>
Polyol blend	*Proprietary	Not available
1,1,1,3,3-Pentafluorobutane	406-58-6	<b>SAEL</b> TWA: 1,000 ppm 8 hour(s)
1,1,1,2,3,3,3-Heptafluoropropane	431-89-0	<b>SAEL</b> TWA: 1,000 ppm 8 hour(s)
Tris-iso-chloropropyl phosphate	13674-84-5	Not available
Tertiary amine catalyst	*Proprietary	Not available
Surfactant	*Proprietary	Not available
<b>ENGINEERING CONTROLS:</b>	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor, or mist, use process enclosures, local exhaust ventilation, and other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.	
<b>HYGIENE MEASURES:</b>	Wash hands, forearms, and face thoroughly with plenty of soap and water after handling chemical products, before eating, smoking, and using the restroom and at the end of the working period. Appropriate engineering, administrative, and other best practice decontamination control measures must be used to isolate contaminants on clothing and to prevent unintended migration of contaminants. Handle clothing and other potentially contaminated material appropriately and in compliance with local, state, and federal regulations in the process of removing, washing/cleaning, and reuse of these potentially contaminated materials. Ensure compliant use and location of eyewash station and safety showers.	
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE):</b>		
<b>EYE PROTECTION:</b>	Eye protection is required when directly handling liquid product. Use appropriate chemical goggles, face shields, or full-faced respirator. Persons who work with this product should not wear contact lenses.	
<b>SKIN PROTECTION:</b>	Use long-sleeve protective clothing impervious to chemicals, boots, and chemical resistant gloves such as nitrile/butadiene ("nitrile" or "NBR"), butyl rubber, polyvinyl chloride ("PVC" or "vinyl"), polychloroprene (neoprene). Protective gloves and clothing should be worn when handling freshly made polyurethane products to avoid contact with trace residual materials that may be hazardous in contact with skin. Wash hands, forearms, and face thoroughly after handling chemical products, before eating, drinking, smoking, using the lavatory and at the end of the working period.	
<b>HANDS PROTECTION:</b>	Not available.	
<b>RESPIRATORY PROTECTION:</b>	Spraying in open-air well ventilated area: Use a properly fitted full-face air purifying respirator with organic cartridges complying with an approved standard if a risk assessment indicates this is necessary. Spraying in enclosed areas: Fresh air-line respirators or self-contained breathing apparatus should be used in areas with concentrations above the TLV. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.	
<b>ENVIRONMENTAL EXPOSURE CONTROLS:</b>	Use local exhaust ventilation to maintain airborne concentrations below the TLV. Ventilation is not required when spraying outdoors. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it. For guidance on engineering control measures refer to publications such as the ACGIH current edition of "Industrial Ventilation, a Manual of Recommended Practice."	
<b>ADDITIONAL PROTECTIVE MEASURES:</b>	Safety showers and eye wash stations should be easily accessible to the work area.	

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

<b>PHYSICAL STATE:</b>	Liquid	<b>FLASH POINT:</b>	>200°F (93°C)
<b>COLOR:</b>	Amber	<b>AUTO-IGNITION TEMPERATURE:</b>	Not available
<b>ODOR:</b>	Ester	<b>DECOMPOSITION TEMPERATURE:</b>	Not available
<b>ODOR THRESHOLD:</b>	Not available	<b>EXPLOSIVE LIMITS:</b>	Not explosive
<b>pH:</b>	Not applicable	<b>FLAMMABILITY:</b>	Not available
<b>WATER SOLUBILITY:</b>	Not available	<b>BOILING POINT:</b>	Not available
<b>PARTITION COEFFICIENT:</b>	Not available	<b>BOILING RANGE:</b>	Not available
<b>SPECIFIC GRAVITY:</b>	1.13-1.17 g/cc @ 77°F (25°C)	<b>MELTING/FREEZING POINT:</b>	Not available
<b>VISCOSITY:</b>	400-600 mPa.s @ 77°F (25°C)	<b>VAPOR PRESSURE:</b>	Not available
<b>EVAPORATION RATE:</b>	Not available	<b>VAPOR DENSITY:</b>	Not available
<b>VOC:</b>	Not available	<b>RELATIVE DENSITY:</b>	9.4-9.8 lbs/gal

**SECTION 10: STABILITY & REACTIVITY**

<b>STABILITY:</b>	This product is stable under normal and anticipated storage and handling conditions.
<b>INCOMPATIBILITY:</b>	Not available.
<b>HAZARDOUS REACTION:</b>	Not available.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>CONDITIONS TO AVOID:</b>	Strong oxidizing and reducing agents; strong acids, strong alkalism alkaline earth metals (aluminum, zinc, copper, etc.), phosphorous and phosphorous containing compounds. Avoid unintended contact with isocyanates. Avoid exposure to moisture and high temperatures to protect product quality.
<b>HAZARDOUS DECOMPOSITION:</b>	Combustion of products may include carbon monoxide, carbon dioxide, nitrogen oxides, halogenated compounds, traces of ammonia vapors, aldehydes and ketones, low molecular weight organic products.

**SECTION 11: TOXICOLOGY INFORMATION**

<b>ACUTE HEALTH EFFECTS:</b>	
<b>EYE CONTACT:</b>	Product liquids, aerosols or vapors are irritating. Vapors may cause a transient condition known as glaucopsia, resulting in blurred vision and appearance of halos around bright objects.
<b>SKIN CONTACT:</b>	May cause irritation or dermatitis.
<b>INHALATION:</b>	May cause headaches, dizziness, drowsiness, and other central nervous system effects.
<b>INGESTION:</b>	May cause irritation to throat, esophagus, and stomach (nausea, abdominal pains, vomiting, and diarrhea).

<b>ACUTE TOXICITY:</b>				
COMPONENT NAME	CAS NUMBER	LD <sub>50</sub> Oral (mg/kg)	LD <sub>50</sub> Dermal (mg/kg)	LC <sub>50</sub> Inhalation (mg/L/4hrs)
Polyol blend	*Proprietary	Not available	Not available	Not available
1,1,1,3,3-Pentafluorobutane	406-58-6	>2,000 (rat)	No skin irritation	>100,000 (rat)
1,1,1,2,3,3,3-Heptafluoropropane	431-89-0	Not available	Not available	Not available
Tris-iso-chloropropyl phosphate	13674-84-5	<2,000 (rat)	>2,000 (rabbit) 24 hrs	>4.6 (rat)
Tertiary amine catalyst	*Proprietary	3,200 (rat)	>2,000 (rabbit)	>40.4 (rat)
Surfactant	*Proprietary	Not available	Not available	Not available

<b>POTENTIAL CHRONIC EFFECTS:</b>	
<b>CHRONIC EFFECTS:</b>	Not available.
<b>TARGET ORGANS:</b>	Central nervous system (CNS).
<b>CARCINOGENICITY:</b>	Th components of this product are not listed on the NTP, IARC, or regulated as a carcinogen by OSHA.
<b>MUTAGENICITY:</b>	No known significant effects or critical hazards.
<b>TERATOGENICITY:</b>	No known significant effects or critical hazards.
<b>FERTILITY EFFECTS:</b>	No known significant effects or critical hazards.
<b>DEVELOPMENTAL EFFECTS:</b>	No known significant effects or critical hazards.
<b>MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:</b>	Not available.

## SECTION 12: ECOLOGICAL INFORMATION

<b>ENVIRONMENTAL EFFECTS:</b>	Ecological testing has not been conducted for this product.
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## SECTION 13: DISPOSAL CONSIDERATION

<b>WASTE DISPOSAL:</b>	The generation of waste should be avoided or minimized whenever possible. Waste must be disposed of in compliance with federal, state, provincial, and local environmental control regulations. Dispose of surplus and non-recyclable products via licensed waste disposal contractor. Incineration is the preferred method. If incinerated, toxic, and corrosive combustion gases must be properly handled.
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## SECTION 14: TRANSPORT INFORMATION

### PROPER SHIPPING NAME

<b>DOT:</b>	Not regulated.
<b>TDG:</b>	Not regulated.
<b>IMDG:</b>	Not regulated.
<b>IATA:</b>	Not regulated.

This product could potentially contaminate aquatic and terrestrial environments if not handled in accordance with all precautions, regulations, and laws. Users, transporters, and all other applicable entities must review, follow, and apply any and all necessary precautions and procedures to eliminate and/or minimize potential hazards or risks to aquatic or terrestrial environments.

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

<b>TSCA 8b Inventory:</b>	All components are listed on the TSCA inventory or are exempt.
<b>TSCA 5a (2):</b>	Not available.
<b>TSCA 5e:</b>	Not available.
<b>TSCA 12b:</b>	Not available.
<b>Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs):</b>	Not available.
<b>Clean Air Act - Ozone Depleting Substances (ODS):</b>	Not available.
<b>SARA 313 Form R - Reporting Requirements:</b>	No components listed.
<b>SARA 311/312 hazard identification:</b>	Immediate (acute) health hazard. Delayed (chronic) health hazard. Fire hazard.
<b>CERCLA Hazardous substances:</b>	No components listed.

### STATE REGULATIONS:

<b>PENNSYLVANIA/NEW JERSEY/ MASSACHUSETTS - RTK:</b>	Not available.
<b>California Prop 65:</b>	This product contains no listed substances known to the State of California to cause cancer, birth defects, or other reproductive harm, at levels which would require a warning under the statute.

### CANADA

<b>WHMIS (Canada):</b>	Non-regulated.
<b>CEPA DSL:</b>	All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

### INTERNATIONAL LISTS:

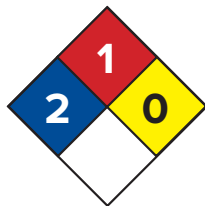
<b>Australia inventory (AICS):</b>	All components are listed or exempted.
<b>China inventory (IECSC):</b>	All components are listed or exempted.
<b>Japan inventory:</b>	All components are listed or exempted.
<b>Korea inventory:</b>	All components are listed or exempted.
<b>New Zealand inventory of Chemicals (NZIoC):</b>	All components are listed or exempted.
<b>Phillipines inventory (PICCS):</b>	All components are listed or exempted.

## SECTION 16: OTHER INFORMATION

NFPA & HMIS	
4	Extreme
3	Serious
2	Moderate
1	Slight
0	No Hazard



### National Fire Protection Association (NFPA)



HEALTH	
FLAMMABILITY	
REACTIVITY	
SPECIAL INFORMATION	

### Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
SPECIAL INFORMATION	

**Note: The customer is responsible for determining the PPE code for this material. At the time of publishing, the NFPA/HMIS and the New GHS scale had opposite scales of severity. Check the most recent publications for current information.**

<b>For Your Protection:</b>	The information and recommendations in this publication is to the best of our knowledge, reliable. The toxicity and risk characteristics of products made by SPI will necessarily differ from the toxicity and risk characteristics that occur when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors. The user is responsible to comply with all applicable federal, provincial or municipal laws and regulations. SPI MAKES NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
<b>Preparation Information:</b>	This SDS supersedes <b>ALL</b> previous SDS versions.