

SECTION 1: IDENTIFICATION

PRODUCT NAME	EP™ 100 “B” Component
CAS NUMBER	Not available
PRODUCT USE	Curing agent
MANUFACTURER	Specialty Products, Inc. (SPI)
ADDRESS	2410 104th Street Ct S Suite D, Lakewood, WA 98499
PHONE	253-588-7101 (800) 627-0773
FAX	253-588-7196
EMERGENCY CONTACT	FOR SPILLS, LEAKS, FIRE, OR EXPOSURE CALL CHEMTREC
TOLL FREE	800-424-9300
INTERNATIONAL	+1-703-527-3887
FAX	913-321-1490

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION											
GHS PICTOGRAM	NEW GHS SCALE										
	<table border="1"> <tr><th colspan="2">GHS SCALE</th></tr> <tr><td>1</td><td>Extreme</td></tr> <tr><td>2</td><td>Serious</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Slight</td></tr> </table>	GHS SCALE		1	Extreme	2	Serious	3	Moderate	4	Slight
GHS SCALE											
1	Extreme										
2	Serious										
3	Moderate										
4	Slight										
DANGER	Personal Protective Equipment 										

EMERGENCY OVERVIEW			
HAZARD STATEMENTS		PRECAUTIONARY STATEMENTS	
H302	Harmful if swallowed.	P261	Avoid breathing dust/fume/gas/mist vapors/spray.
H314	Causes severe skin burns and eye damage.	P264	Wash hands thoroughly after handling.
H317	May cause an allergic skin reaction.	P280	Wear protective gloves/protective clothing/eye protection/face protection.

APPEARANCE, COLOR, ODOR: Liquid, amber, amine odor.
USA: This material is considered hazardous to health by the OSHA Hazard Communication Standard (29 CFR 1910-1200).
READ THE ENTIRE SDS FOR MORE THOROUGH EVALUATION OF THE HAZARDS

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% WEIGHT
*Proprietary	Not available	100
*The specific chemical identity and exact percentage (concentration) is withheld as a trade secret per applicable regulations and statutes.		

SECTION 4: FIRST AID MEASURES

EYE:	H314	Causes eye damage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
SKIN:	H314/317	Causes severe skin burns and may cause an allergic skin reaction. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse SKIN with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse.
INGESTION:	H302	Harmful if swallowed. IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician IF you feel unwell.
NOTES TO PHYSICIAN:		Symptomatic and supportive therapy as needed. Following severe exposure, medical follow-up should be monitored for 48 hours.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	Not available.
HAZARDS WHEN ON FIRE OR NEAR FLAME:	Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of nitrogen oxides is to be expected. Incomplete combustion may form carbon dioxide. May generate ammonia gas. May produce noxious and toxic fumes when near heat source/flame. When in a closed container, pressure will increase which may lead to a rupture of the container.
SUITABLE EXTINGUISHING MEDIA:	Dry chemical foam, carbon dioxide, alcohol resistant foam, dry sand, and/or limestone powder to extinguish.
UNSUITABLE EXTINGUISHING MEDIA:	Not available.
SPECIAL EXPOSURE HAZARDS:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. If in a fire or heated, a pressure increase will occur and the container may rupture.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:	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

ACCIDENTAL RELEASE MEASURES:	For major spills call CHEMTREC : Toll free 1-800-424-9300 for international call 1-703-527-3887 .
PERSONAL PRECAUTIONS:	Wear appropriate personal protective equipment recommended in SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION of this SDS. Immediately contact emergency personnel. Evacuate the area. Keep upwind avoiding inhalation of vapors. Clean-up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including respiratory protection.
ENVIRONMENTAL PRECAUTIONS:	This material may contaminate the environment without proper control and response to spills. Ensure spilled material does not come in contact with soil, waterway, drains, sewers, or other runoff that would further disperse the material. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Sources of ignition should be kept clear.
METHODS FOR CONTAINMENT:	Use diking or capping to control migration. Contain and absorb large spillages with a non-flammable absorbent carrier (such as vermiculite, earth, or sand). DO NOT USE combustible materials such as sawdust. 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.

METHODS FOR CLEANING UP:	Only proceed with clean up by taking the appropriate personal protection measures required and ensure surrounding area does not contain further hazards that could worsen the spill, cause migration, or cause further harm (i.e. eliminate any ignition sources). Move any non-contaminated, non-leaking containers from the spill zone if it can be done safely. Dike, dam, or further restrict and stop active leaks without posing further damage or harm to individuals, the environment, and/or structures. Contain and collect spillage. See SECTION 13: DISPOSAL CONSIDERATIONS for disposal information and SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION for recommended Personal Protective Equipment (PPE). Obey all local, state, and federal regulations during clean up.
---------------------------------	--

SECTION 7: HANDLING & STORAGE

GENERAL:	Handling and storage shall be in accordance with local, state/provincial, or federal regulations.
HANDLING:	Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer causing nitrosamines could be formed. 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.
STORAGE:	Do not store near acids. Keep away from oxidizers. Keep containers tightly closed in a dry, cool, and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:	As of the latest revision of this document, no known exposure limits exist for this product. The absence of current exposure data does not relieve an employer, user, or other to determine the specific hazards and appropriate exposure protection measures in the application and use of this product. Personal, workplace, atmospheric, and/or biological monitoring may be required to determine the effectiveness of engineering, administrative, and/or other best practice control measures. These monitoring results determine the need for and type of respiratory protective equipment, if any. Refer to the appropriate local, state, and federal regulations and statutes for the most current information and for guidance in the determination of hazardous conditions and the correlating personal protective equipment.
ENGINEERING CONTROLS:	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.
HYGIENE MEASURES:	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.

PERSONAL PROTECTIVE EQUIPMENT (PPE):	
EYE PROTECTION:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield.
SKIN PROTECTION:	Personal protective equipment for the body should be selected based on the task being performed, the risks involved, and should be approved by an industrial hygiene specialist before handling this product.
HANDS PROTECTION:	Chemical resistant gloves complying with applicable health and safety standards shall be worn when handling this product. Protective gloves are those made from butyl rubber, nitrile rubber, or polyvinyl alcohol. Appropriate hazard assessments in conjunction with an evaluation of the protection factors of chemical resistant gloves shall be performed to ensure the protective properties remain intact. It is noted that the time to breakdown of protection factors for different glove manufacturers varies. In the case of mixtures, the protection factors of chemical resistant gloves may be impacted and deteriorate at unpredictable rates without understanding the impact of the substance and the specific protection factors of the chemical resistant gloves.
RESPIRATORY PROTECTION:	Ensure adequate ventilation. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
ENVIRONMENTAL EXPOSURE CONTROLS:	Dispose of raw and spent materials and wastes in compliance with all local, state, and federal regulations to prevent potential environmental contamination. Industrial air monitoring may be required to determine any potential environmental hazards to the atmosphere. This monitoring may result in the use of engineering and administrative controls such as filtering and scrubbing systems to mitigate or eliminate potential contaminants.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	FLASH POINT:	Not available
COLOR:	Amber	AUTO-IGNITION TEMPERATURE:	Not available
ODOR:	Amine odor	DECOMPOSITION TEMPERATURE:	Not available
ODOR THRESHOLD:	Not available	EXPLOSIVE LIMITS:	Not explosive
pH:	Not applicable	FLAMMABILITY:	Not available
WATER SOLUBILITY:	Not available	BOILING POINT:	Not available
PARTITION COEFFICIENT:	Not available	BOILING RANGE:	Not available
SPECIFIC GRAVITY:	1.01±0.005 g/cc @ 77°F (25°C)	MELTING/FREEZING POINT:	Not available
VISCOSITY:	150±25 cps @ 77°F (25°C)	VAPOR PRESSURE:	Not available
EVAPORATION RATE:	Not available	VAPOR DENSITY:	Not available
VOC:	Not available	RELATIVE DENSITY:	8.4±0.05 lbs/gal

SECTION 10: STABILITY & REACTIVITY

STABILITY:	Stable under normal conditions.
INCOMPATIBILITY AND HAZARDOUS REACTION:	Avoid reactive metals, materials reactive with hydroxyl compounds, N-Nitrosamines may be formed when the product comes in contact with nitrous acid, nitrites, or atmospheres with high nitrous oxide concentrations, nitrous acid and other nitrosating agents, organic acids, mineral acids, sodium hypochlorite, oxidizing agents, reactions with peroxides may result in violent of peroxide possibly creating an explosion, and product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.
HAZARDOUS POLYMERIZATION:	Not available.
CONDITIONS TO AVOID:	Not available.
HAZARDOUS DECOMPOSITION:	Combustion of product will lead to nitric acid, ammonia, nitrogen oxides, nitrogen can react with water vapors to form corrosive nitric acid, carbon monoxide, carbon dioxide, aldehydes, flammable hydrocarbon fragments, nitrosamine, and chlorine.

SECTION 11: TOXICOLOGY INFORMATION

ACUTE HEALTH EFFECTS:

EYE CONTACT:	Causes eye damage.
SKIN CONTACT:	Causes severe skin burns and may cause an allergic skin reaction.
INGESTION:	Harmful if swallowed.

POTENTIAL CHRONIC EFFECTS:

CHRONIC EFFECTS:	Not available.
TARGET ORGANS:	Not available.
CARCINOGENICITY:	Not available.
MUTAGENICITY:	This product was mutagenic in a bacterial assay. This product or a component did not cause chromosome damage in an in vivo micronucleous assay.
TERATOGENICITY:	Not available.
FERTILITY EFFECTS:	Not available.
DEVELOPMENTAL EFFECTS:	Not available.
MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:	Existing respiratory/pulmonary and skin conditions may be aggravated by overexposure.





SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS:	This product has a low bioaccumulation potential.
-------------------------------	---

SECTION 13: DISPOSAL CONSIDERATION

WASTE DISPOSAL:	By-product wastes or process waste generation should be eliminated and/or minimized when possible. Do not dispose of any contaminants into sanitary sewer systems, storm drains, Publicly Owned Treatment Works (POTW), or any other municipal waste water treatment facility without written approval and agreements for processing wastes with such enterprises. Dispose of raw or unused materials, wastes, and/or by-products in accordance with all applicable local, state, and federal laws. Employ the expertise and knowledge of qualified personnel or contractors in disposal of any and all variants of this product. Ensure material containers are cleaned to the applicable standards before recycling, disposing, or reusing containers. Take special precautions to avoid any cross contamination and potential unknown effects from mixing with other substances. Refer to SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION of this document for personal protection requirements. Disposal to the environment or in violation of environmental protection laws and statutes must be prevented.
------------------------	---

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME					
DOT:	Liquid, corrosive, n.o.s. (Polyamidoamine, Aliphatic amine)				
TDG:	Liquid, corrosive, n.o.s. (Polyamidoamine, Aliphatic amine)				
IMDG:	Liquid, corrosive, n.o.s. (Polyamidoamine, Aliphatic amine)				
IATA:	Liquid, corrosive, n.o.s. (Polyamidoamine, Aliphatic amine)				
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.					
REGULATORY INFORMATION	UN NUMBER	CLASSES	PG*	LABEL	ADDITIONAL INFORMATION
DOT Classification	UN1760	8	III		None
TDG Classification	UN1760	8	III		Marine Pollutant
IMDG Classification	UN1760	8	III		Marine Pollutant
IATA-DGR Class	UN1760	8	III		<p style="margin: 0;">Passenger and Cargo Aircraft</p> <p style="margin: 0;">Quantity limitation: 1 L Packaging</p> <p style="margin: 0;">Instructions: 852</p> <p style="margin: 0;">Cargo Aircraft Only</p> <p style="margin: 0;">Quantity limitation: 60 L Packaging</p> <p style="margin: 0;">Instructions: 856</p> <p style="margin: 0; text-align: center;">Marine Pollutant</p>
*PG: Packaging group					

SECTION 15: REGULATORY INFORMATION**U.S. Federal Regulations**

This material is considered hazardous to health under OSHA Hazard Communication Standard (29 CFR 1910.1200)

HCS Classification:	Toxic Irritant Corrosive
TSCA 8b Inventory:	All components are listed on the TSCA inventory or are exempt.
TSCA 5a (2):	No components listed.
TSCA 5e:	No components listed.
TSCA 12b:	No components listed.
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs):	No components listed.
Clean Air Act - Ozone Depleting Substances (ODS):	This product does not contain nor is it manufactured with ozone depleting substances.
SARA 313 Form R - Reporting Requirements:	No components listed.
SARA 311/312 hazard identification:	Immediate (acute) health hazard.
CERCLA Hazardous substances:	No components listed.
STATE REGULATIONS:	
PENNSYLVANIA/NEW JERSEY/MASSACHUSETTS - RTK:	No components listed.
California Prop 65:	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	
WHMIS (Canada):	WHMIS Class D-1B: Material causing immediate and serious toxic effects (toxic). WHMIS Class E: Corrosive.
CEPA DSL:	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:	
Australia inventory (AICS):	Not on inventory.
China inventory (IECSC):	Included on inventory.
Japan inventory:	Included on inventory.
Korea inventory:	Included on inventory.
New Zealand inventory of Chemicals (NZIoC):	Not available.
Phillipines inventory (PICCS):	Included on inventory.

SECTION 16: OTHER INFORMATION

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



National Fire Protection Association (NFPA)



HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
SPECIAL INFORMATION	

Hazardous Material Information System (HMIS)

HEALTH	3
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.

Date of Issue:	6/3/2016
Date of previous issue:	5/18/2016
For Your Protection:	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.
Preparation Information:	This SDS supersedes ALL previous SDS versions.