ULTRA BOND™ 100 "A" Component Revised Date: 10/22/2018 Version: 10 SDS-064

SECTION 1: IDENTIFICATION

PRODUCT NAME CAS NUMBER **PRODUCT USE** MANUFACTURER ADDRESS PHONE FAX **EMERGENCY CONTACT** TOLL FREE INTERNATIONAL FAX

ULTRA BOND[™] 100 "A" Component Not available Polyurea Coating Specialty Products, Inc. (SPI) 2410 104TH ST. CT. S. STE D LAKEWOOD, WA 98499 253 588 7101 800 627 0773 253 588 7196 FOR SPILLS, LEAKS, FIRE, OR EXPOSURE CALL CHEMTREC 800 424 9300 +1 703 527 3887 913 321 1490

SECTION 2: HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS

GHS PICTOGRAM



DANGED

			DAI	NGER				
		G	HS CLAS	SSIFICATION				
	CATEGORY			HAZARD STATEMENTS				
Skin corrosion/irrit	ation	Category 2	H315	Causes skin irritation.				
Skin sensitization Category 1			H317	May cause an allergic skin reaction.				
Serious eye damag	ge/eye irritation	Category 2B	H320	Causes eye irritation.				
Acute toxicity inha	lation	Category 4	H332	Harmful if inhaled.				
Respiratory sensiti	zation	Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.				
Specific target org exposure; respirate	an toxicity (STOT), single ory tract	Category 3	H335	May cause respiratory irritation.				
Specific target org repeated exposure	an toxicity (STOT), e	Category 1	H372	Causes damage to organs (respiratory tract) through prolonged or repeated exposure if inhaled.				
		PRECA	UTIONA	ARY STATEMENTS				
			PREV	'ENTION				
P260	Do not breathe dust/fume	/gas/mist/vapor	s/spray.					
P264	Wash hands thoroughly at	ter handling.						
P270	Do not eat, drink, or smok	e when using th	nis produ	ct.				
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.							
P285	In case of inadequate ventilation wear respiratory protection.							
			RES	PONSE				
P302+P352	IF ON SKIN: Wash with ple	enty of soap and	l water.					
P321	Specific treatment (as det		,					
P332+P313	IF SKIN irritation occurs: G	et medical advi	ce/attent	ion.				
P362	Take off contaminated clo	thing and wash	before re	euse.				
P363	Wash contaminated clothi	ng before reuse	<i>.</i>					
P305+P351+P338				nutes. Remove contact lenses, if present and easy to do. Continue rinsing.				
P337+P313	IF eye irritation persists: G							
P304+P340				at rest in a position comfortable for breathing.				
P312	Call a POISON CENTER of							
P304+P312	IF INHALED: Call a POISO			· · · · · · · · · · · · · · · · · · ·				
P342+P311	IF experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.							
P314	Get medical advice/attent	ion if you feel u	nwell.					
	-		STC	DRAGE				
P403+P233	Store in a well-ventilated	place. Keep con	tainer tig	htly closed.				
P405	Store locked up.							
			DIS	POSAL				
P501	Dispose of contents/conta	iner in accorda	nce with	applicable regional, national and local laws and regulations.				



Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.

READ THE ENTIRE SDS FOR MORE THOROUGH EVALUATION OF THE HAZARDS



SECTION 3: COMPOSIT	ION/INFORMATION ON INGREDIENTS							
CHEMICAL NAME		CAS NUMBER	% WEIGHT					
Isocyantes, reaction product of	polyol with MDI	*Proprietary	10-30					
2,4'-Diphenylmethane diisocya		5873-54-1	20-40					
4,4'-Diphenylmethane diisocyanate101-68-82Propylene carbonate108-32-7								
Propylene carbonate 108-32-7								
2,2'-Diphenylmethane diisocya		2536-05-2	1-5					
*The specific chemical identity and exact percentage (concentration) is withheld as a trade secret per applicable regulations and st								
SECTION 4: FIRST AID	MEASURES							
EYE:	In case of contact, immediately flush eyes with plenty of water for at least 15 mi	inutes. Get medical attenti	on immediately.					
SKIN:	Continue to rinse for at least 10 minutes. A poly-glycol based skin cleanser or c	After contact with skin, wash immediately with plenty of warm, soapy water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. A poly-glycol based skin cleanser or corn oil may be more effective than soap ar water. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.						
INHALATION:	Move exposed person to fresh air. Get medical attention immediately. irritation or bronchospasm. If breathing is labored, oxygen should be a	Treatment is symptom administered by qualifi	atic for primary ed personnel.					
INGESTION:	Do not induce vomiting unless directed to do so by medical personnel. Never person. Provided the patient is conscious, wash out mouth with water. Get med							
NOTES TO PHYSICIAN:	Symptomatic and supportive therapy as needed. Following severe exmonitored for 48 hours.	kposure, medical follow	-up should be					
SECTION 5: FIRE FIGHT	ING MEASURES							
FLASH POINT:	Not available.							
HAZARDS WHEN ON FIRE OR NEAR FLAME:	Closed container may forcibly rupture under extreme heat or when co (CO ₂ formed).	ontents are contaminate	ed with water					
SUITABLE EXTINGUISHING MEDIA:	Dry chemical, carbon dioxide, or dry powder.							
UNSUITABLE EXTINGUISHING MEDIA:	Direct water spray.							
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: ACCIDENTA	L 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. Ke 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 surrounding area does not contain further hazards that could worsen the harm (i.e. eliminate any ignition sources). Move any non-contaminated, no if it can be done safely. Dike, dam, or further restrict and stop active leaks to individuals, the environment, and/or structures. Contain and collect spi CONSIDERATIONS for disposal information and SECTION 8: EXPOSURE recommended Personal Protective Equipment (PPE). Obey all local, state	spill, cause migration, or on-leaking containers fro without posing further of llage. See SECTION 13: CONTROL/ PERSONAL	cause further m the spill zone damage or harm DISPOSAL PROTECTION for					

SECTION 7: HANDLING & STORAGE							
GENERAL:	Ideal storage temperature is 60-90°F (15-32°C). Handling and storage shall be in accordance with local, state/ provincial, or federal regulations.						
HANDLING:	Before opening this package, read and follow warning labels on all components. Avoid contact with the product or reaction mixture. Put on appropriate personal protective equipment. Use only with adequate ventilation to ensure that the occupational exposure limit is not exceeded, use respirator when ventilation is inadequate. Avoid breathing aerosols, mists, and vapors. (See SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION for details). Do not ingest. Eating, drinking, and smoking shall be prohibited in areas where this material is handled, stored, and processed. Workers shall wash hands and face before eating, drinking, and smoking. Persons with a history of skin sensitization problems, asthma, allergies, or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes, on skin, or clothing. Keep in the original container or an approved alternative made from a compatible material. Keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.						
STORAGE:	Keep container tightly closed and properly sealed when stored. Keep contents away from moisture. Due to reaction with water producing CO ₂ gas, a hazardous build-up of pressure could result if contaminated containers are resealed. DO NOT reseal contaminated containers. Uncontaminated containers, free of moisture, may be resealed and stored after purging the container with argon or nitrogen gas.						

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

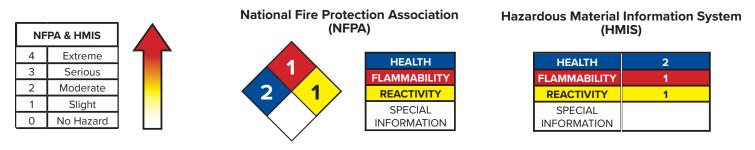
EXPOSURE LIMITS:							
COMPONENT NAME	CAS NUMBER	EXPOSURE LIMITS					
Isocyantes, reaction product of polyol with MDI	*Proprietary	Not available					
2,4'-Diphenylmethane diisocyanate	5873-54-1	Not available					
4,4'-Diphenylmethane diisocyanate	101-68-8	ACGIH TLV TWA: 0.005 ppm 8 hour(s) OSHA PEL CEIL: 0.02 ppm CEIL: 0.2 mg/m ³ NIOSH REL CEIL: 0.2 mg/m ³ 10 minute(s) CEIL: 0.02 ppm 10 minute(s) TWA: 0.05 mg/m ³ 10 hour(s) TWA: 0.005 ppm 10 hour(s)					
Propylene carbonate	108-32-7	Not available					
2,2'-Diphenylmethane diisocyanate	2536-05-2 Not available						
ENGINEERING CONTROLS:	Use only with adequate ventilat enclosures, local exhaust ventil contaminants below any recom	tion. If user operations generate dust, fumes, gas, vapor, or mist, use process ation, and other engineering controls to keep worker exposure to airborne mended 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 contaminates 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 EQU	IIPMENT (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 it takes 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. 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 OSHA 29CFR 1910.134, 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 PO	INT:	Not available					
COLOR:	Clear yellow	AUTO-IGN	ITION TEMPERATURE:	Not available					
ODOR:	Slightly musty	DECOMPC	SITION TEMPERATURE:	Not available					
ODOR THRESHOLD:	Not available	EXPLOSIV	E LIMITS:	Not explosive					
pH:	Not applicable	FLAMMAB	ILITY:	Not available					
WATER SOLUBILITY:	Not available	BOILING P	OINT:	Not available					
PARTITION COEFFICIENT:	Not available	BOILING R	ANGE:	Not available					
SPECIFIC GRAVITY:	1.10±0.005 g/cc @ 77°	F (25°C) MELTING/F	REEZING POINT:	Not available					
VISCOSITY:	750±50 mPa.s @ 77°F	(25°C) VAPOR PR	ESSURE:	Not available					
EVAPORATION RATE:	Not available	VAPOR DE	NSITY:	Not available					
VOC:	0 g/L	RELATIVE	DENSITY:	9.2±0.05 lbs/gal					
SECTION 10: STABILITY &									
STABILITY:	Stable when handled	and stored at temperatur	es 60-90°F (15-32°C).						
INCOMPATIBILITY:	Incompatible with wat	er, alcohols, amines, base	es, and acids.						
HAZARDOUS REACTION:	hazardous reactions will materials containing activ be violent at higher temp presence of solvents. Th	Exothermic reaction will occur when combined with sister component. Under normal conditions of storage and use, hazardous reactions will not occur. Reaction with water (moisture) produces CO ₂ gas. An exothermic reaction with materials containing active hydrogen groups can occur. The reaction becomes progressively more vigorous and can be violent at higher temperatures if the miscibility of the reaction partners is good or is supported by stirring or by the presence of solvents. This material is insoluble with and heavier than water. It sinks to the bottom, but reacts slowly at the interface. A solid water insoluble layer of polyurea is formed at the interface by liberating carbon dioxide.							
HAZARDOUS POLYMERIZATION:	Polymerization may occur at elevated temperatures in the presence of alkalis, tertiary amines and metal compounds. Under normal conditions of storage and use, hazardous polymerization should not occur.								
CONDITIONS TO AVOID:	Avoid moisture contar	Avoid moisture contamination and high temperatures.							
HAZARDOUS DECOMPOSITION:	May produce toxic fumes of carbon dioxide, carbon monoxide, and/or nitrogen oxides when near heat source/flame.								
SECTION 11: TOXICOLOG	Y INFORMATION								
ACUTE HEALTH EFFECTS:									
EYE CONTACT:	Causes eye irritation w corneal injury. Vapor or	ith symptoms of reddenir aerosol may cause irrita	ng, tearing, stinging, and sw tion with symptoms of burn	elling. May cause temporary ng and tearing.					
SKIN CONTACT:	experience allergic skir	rith symptoms of reddenin n reaction with symptoms ntact with MDI can cause	of reddening, itching, swel	rsons previously sensitized can ling, and rash. Cured material is					
INHALATION:	Diisocyanate vapors or mist at concentrations above the TLV or PEL can irritate (burning sensation) the mucous membranes in the respiratory tract (nose, throat, lungs) causing runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function (breathing obstruction). Persons with a preexisting, nonspecific bronchial hyperreactivity can respond to concentrations below the TLV or PEL with similar symptoms as well as asthma attack or asthma-like symptoms. Exposure well above the TLV or PEL may lead to bronchitis, bronchial spasm and pulmonary edema (fluid in lungs). Chemical or hypersensitivity pneumonitis, with flu-like symptoms (e.g., fever, chills), has also been reported. These symptoms can be delayed up to several hours after exposure. These effects are usually reversible. The test atmosphere generated in the animal study is not representative of workplace environments, how the substance is placed on the market, and how it can reasonably be expected to be used. Therefore the test result cannot be directly applied for the purpose of assessing hazard. Based on expert judgment and the weight of the evidence, a modified classification for acute inhalation toxicity is justified.								
INGESTION:	May cause irritation of th	e digestive tract. Sympton	ns may include abdominal pa	in, nausea, vomiting, and diarrhea.					
ACUTE TOXICITY:									
COMPONENT NAME	CAS NUMBER	LD ₅₀ Oral (mg/kg)	LD ₅₀ Dermal (mg/kg)	LC ₅₀ Inhalation (mg/L/4hrs)					
		>2,000 (rat)	>9,400 (rabbit)	0.40 (
2,4'-Diphenylmethane diisocyanate	5873-54-1	>2,000 (Tat)	>9,400 (Tabbit)	0.49 (rat)					
2,4'-Diphenylmethane diisocyanate 4,4'-Diphenylmethane diisocyanate	5873-54-1 101-68-8	>2,000 (rat)	>9,400 (rabbit)	0.49 (rat) 0.49 (rat)					
				. ,					

POTENTIAL CHRONIC EFFECTS:									
CHRONIC EFFECTS:	As a result of previous repeated overexposures or a single large dose, certain individuals may develop sensitization to isocyanates (asthma or asthma-like symptoms) that may cause them to react to a later exposure to isocyanates at levels well below the TLV or PEL. These symptoms, which can include chest tightness, wheezing, cough, shortness of breath or asthmatic attack, could be immediate or delayed up to several hours after exposure. Extreme asthmatic reactions can be life threatening. Similar to many non-specific asthmatic responses, there are reports that once sensitized an individual can experience these symptoms upon exposure to dust, cold air, or other irritants. This increased lung sensitivity can persist for weeks and in severe cases for several years. Sensitization can be permanent. Chronic overexposure to isocyanates has also been reported to cause lung damage (including fibrosis, decrease in lung function) that may be permanent. Prolonged contact with skin can cause reddening, swelling, rash, and, in some cases, skin sensitization. Animal tests and other research indicate that skin contact with MDI can play a role in causing isocyanates. Prolonged vapor contact with the eyes may cause conjunctivitis.								
TARGET ORGANS:	Contains material which causes damage to the upper respiratory tract.								
CARCINOGENICITY:	As of this publication, this material is not listed on the National Toxic Program (NTP) Report of Carcinogens. Please refer to the most recent information with NTP. The material is classified on the International Agency for Research on Cancer (IARC) Monographs as Group 3. Exposure to levels of MDI, significantly above the threshold limit value (0.005 ppm), was shown to be related to the occurrence of lung tumors in a study using rats.								
MUTAGENICITY:	No known significa	nt effects or cri	tical haz	ards.					
TERATOGENICITY:	No known significa	nt effects or cri	tical haz	ards.					
FERTILITY EFFECTS:	No known significa	nt effects or cri	tical haz	ards.					
DEVELOPMENTAL EFFECTS:	No known significa	nt effects or cri	tical haz	ards.					
MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:	Existing respiratory	/pulmonary and	d skin co	onditions m	ay be aggravated by overexposure.				
SECTION 12: ECOLOGICAL		l							
ENVIRONMENTAL EFFECTS:	When in contact w bio-accumulation o	ith water an ine occurring.	al comp ert non-b	onents, this biodegradal	s product has low ecotoxicity on aquatic organisms. ble solid will be produced. There is no evidence of				
SECTION 13: DISPOSAL C	ONSIDERATION								
WASTE DISPOSAL:	dispose of any conta any other municipal such enterprises. Dis local, state, and fede of any and all variant recycling, disposing, unknown effects fro	aminants into san waste water treat spose of raw or u ral laws. Employ s of this product. or reusing conta m mixing with ott o document for po	itary sew tment fac nused m the expe Ensure n iners. Tal ner subst ersonal p	er systems, s cility without v aterials, wasi rtise and kno naterial conta ke special pro ances. Refer rotection rec	eliminated and/or minimized when possible. Do not storm drains, Publicly Owned Treatment Works (POTW), or written approval and agreements for processing wastes with tes, and/or by-products in accordance with all applicable owledge of qualified personnel or contractors in disposal ainers are cleaned to the applicable standards before ecautions to avoid any cross contamination and potential to SECTION 8: EXPOSURE CONTROL/PERSONAL quirements. Disposal to the environment or in violation of nted.				
SECTION 14: TRANSPORT	INFORMATION								
PROPER SHIPPING NAME:									
DOT:	Other regulated si less than 5,000 lb			contains: 4	4,4'-Diphenylmethane diisocyanate) *Single containers				
TDG:	Not regulated.	_							
IMDG:	Not regulated.								
IATA:	Not regulated.								
	all other applicable	entities must re	eview, fo	ollow, and a	ndled in accordance with all precautions, regulations, pply any and all necessary precautions and al environments.				
REGULATORY INFORMATION	UN NUMBER	CLASSES	PG*	LABEL	ADDITIONAL INFORMATION				
DOT Classification	NA3082 9 III Reportable quantity 5,000 lbs. (2,268 kg) Single containers less than 5,000 lbs. are not regulated								
*PG: Packaging group			•						

	INFORMATION							
U.S. Federal Regulations								
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):	COMP	ONENT	CAS N	UMBER	CONCENTRATION			
nazaruous All Poliutants (nAPS).	4,4'-Diphenylmetha	ane diisocyanate	101-	68-8	20-40%			
Clean Air Act - Ozone Depleting Substances (ODS):	This product does	not contain nor is it m	anufactured with o	zone depleting subs	tances.			
SARA 313 Form R - Reporting	СОМР	ONENT	CAS N	UMBER	CONCENTRATION			
Requirements:	4,4'-Diphenylmetha	ane diisocyanate	101-	68-8	20-40%			
SARA 311/312 hazard identification:	Immediate (acute) I Delayed (chronic) f							
CERCLA Hazardous substances:	•							
Component	Concentration	Section 302	Section 313	Section 304	Reportable Quantity			
4,4'-Diphenylmethane diisocyanate	20-40%	Not listed	Listed	Not listed	5,000 lbs			
STATE REGULATIONS:								
PENNSYLVANIA/NEW JERSEY/	COMPONENT		CAS N	UMBER	CONCENTRATION			
MASSACHUSETTS - RTK:	2,4'-Diphenylmethane diisocyanate		5873-54-1		20-40%			
	4,4'-Diphenylmethane diisocyanate							
	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.							
California Prop 65:	This product conta	ins no listed substanc	es known to the Sta					
California Prop 65: CANADA	This product conta	ins no listed substanc	es known to the Sta	ate of California to ca	ause cancer, birth			
	This product conta defects, or other re WHMIS Class D-1A	ins no listed substanc	es known to the Sta evels which would r nediate and serious	ate of California to ca equire a warning un s toxic effects (very t	ause cancer, birth der the statute.			
CANADA	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A	ins no listed substanc productive harm, at le Material causing imr	es known to the Sta evels which would r nediate and serious	ate of California to ca equire a warning un s toxic effects (very t	ause cancer, birth der the statute.			
CANADA WHMIS (Canada):	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are accordance with the	ins no listed substanc productive harm, at le Material causing imr Material causing otl e listed or exempted.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			
CANADA WHMIS (Canada): CEPA DSL: This product has been classified in a	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are accordance with the	ins no listed substanc productive harm, at le Material causing imr Material causing otl e listed or exempted.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			
CANADA WHMIS (Canada): CEPA DSL: This product has been classified in a the information required by the Cor	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are accordance with the trolled Products Re	ins no listed substanc productive harm, at le Material causing imr Material causing otl e listed or exempted.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			
CANADA WHMIS (Canada): CEPA DSL: This product has been classified in a the information required by the Cor INTERNATIONAL LISTS:	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are accordance with the trolled Products Re All components are	ins no listed substanc productive harm, at le Material causing imm Material causing otl listed or exempted. hazard criteria of the gulations.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			
CANADA WHMIS (Canada): CEPA DSL: This product has been classified in a the information required by the Cor INTERNATIONAL LISTS: Australia inventory (AICS):	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are All components are All components are All components are	ins no listed substance productive harm, at le Material causing imr Material causing otle listed or exempted. hazard criteria of the gulations. Histed or exempted.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			
CANADA WHMIS (Canada): CEPA DSL: This product has been classified in a the information required by the Cor INTERNATIONAL LISTS: Australia inventory (AICS): China inventory (IECSC):	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are All components are All components are All components are All components are	ins no listed substance productive harm, at le Material causing imm Material causing oth listed or exempted. a hazard criteria of th gulations. a listed or exempted. a listed or exempted.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			
CANADA WHMIS (Canada): CEPA DSL: This product has been classified in a the information required by the Cor INTERNATIONAL LISTS: Australia inventory (AICS): China inventory (IECSC): Japan inventory:	This product conta defects, or other re WHMIS Class D-1A WHMIS Class D-2A All components are All components are All components are All components are All components are All components are	ins no listed substance productive harm, at le Material causing imm Material causing other Isted or exempted. hazard criteria of the gulations. Isted or exempted. Isted or exempted. Isted or exempted.	es known to the Sta evels which would r mediate and serious her toxic effects (ve	ate of California to ca equire a warning un s toxic effects (very t ry toxic).	ause cancer, birth der the statute. oxic).			

SECTION 16: OTHER 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.

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.



SAFETY DATA SHEET ULTRA BOND™ 100 "B" Component Revised Date: 10/22/2018 Version: 10 SDS-065

SE, III 200 3020 110	JNSTOR OVER 40 TEARS					
SECTION 1: ID	ENTIFICATION					
PRODUCT NAME CAS NUMBER PRODUCT USE MANUFACTURER ADDRESS PHONE FAX EMERGENCY CON TOLL FREE INTERNATIONAL FAX		Not avail Polyurea Specialty 2410 104 253 588 253 588 FOR SPII 800 424 +1 703 5: 913 3211 TION GHS	able Coating / Products .TH ST. CT 7101 7196 .LS, LEAK: 9 300 27 3887 490	S. STE D LAKEWOOD, WA 98499 800 627 0773 S, FIRE, OR EXPOSURE CALL CHEMTREC		
	J.			SER FICATION		
	CATEGORY	GR	S CLASSI	HAZARD STATEMENTS		
Acute toxicity oral	CATEGORI	Category 4	H302	Harmful if swallowed.		
Acute toxicity dern	nal	Category 4	H312	Harmful in contact with skin.		
Skin corrosion/irrit		Category 1C	H314	Causes severe skin burns and eye damage.		
		Category 3	H402	Harmful to aquatic life.		
	Acute hazard aquatic environmentCategory 3Long-term hazard aquatic environmentCategory 2			Toxic to aquatic life with long lasting effects.		
Long terminazara			H411	STATEMENTS		
			PREVEN			
P260	Do not breathe dust/fume/	gas/mist/vapors/s				
P264	Wash hands thoroughly aff	×				
P270	Do not eat, drink, or smoke		product.			
P273	Avoid release to the enviro	*				
P280	Wear protective gloves/pro	otective clothing/	eye protec	tion/face protection.		
			RESPO			
P301+P312	IF SWALLOWED: Call a PO	ISON CENTER or	doctor/ph	ysician IF you feel unwell.		
P330	Rinse mouth.					
P302+P352	IF ON SKIN: Wash with ple	nty of soap and w	vater.			
P312	Call a POISON CENTER or			l unwell.		
P322	Specific measures (see see					
P301+P330+P331	IF SWALLOWED: Rinse mo					
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse SKIN with water/shower.					
P363	Wash contaminated clothing before reuse.					
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.					
P304+P340				est in a position comfortable for breathing.		
P310	Immediately call a POISON			an.		
P321	Specific treatment (see see					
P391	Collect spillage. Hazardou	s to the aquatic e				
D 405			STORA	GE		
P405	Store locked up.		DIADO	SA1		
			DISPOS			
P501	ispose of contents/conta וען	iner in accordanc	e with app	licable regional, national and local laws and regulations.		



READ THE ENTIRE SDS FOR MORE THOROUGH EVALUATION OF THE HAZARDS

SECTION 3: COMPOSITION/INFO	ORMATION ON INGREDIENTS					
CHEMICAL NAME		CAS NUMBER	% WEIGHT			
Polyoxypropylenediamine		9046-10-0	50-90			
Diethylmethylbenzenediamine		68479-98-1	20-40			
Glyceryl poly (oxypropylene) triamine	64852-22-8	1-10				
*Proprietary		Not available	1-10			
*The specific chemical identity and exact p	ercentage (concentration) is withheld as a trade secret per	applicable regulation	s and statutes.			
SECTION 4: FIRST AID MEASUR	ES					
EYE:	In case of contact with the eyes, rinse immediately for at Get medical attention if symptoms occur.	least 15 minutes with	plenty of water.			
SKIN:	Wash affected areas thoroughly with soap and water. Ge	et medical attention if	symptoms occur.			
INHALATION:	Remove the affected individual into fresh air and keep the necessary. Get medical attention if symptoms occur.	ne person calm. Assist	in breathing if			
INGESTION:	Rinse mouth and then drink plenty of water. Do not induce give anything by mouth if the victim is unconscious or has if symptoms occur.	ce vomiting. Never inc aving convulsions. Get	luce vomiting or medical attention			
NOTES TO PHYSICIAN:	Symptomatic and supportive therapy as needed. Follow should be monitored for 48 hours.	ving severe exposure,	medical follow-up			
SECTION 5: FIRE FIGHTING MEA	SURES					
FLASH POINT:	Not available.					
HAZARDS WHEN ON FIRE OR NEAR FLAME:	May produce toxic fumes of carbon dioxide and carbon r When in a closed container, pressure will increase which					
SUITABLE EXTINGUISHING MEDIA:	Dry chemical foam, carbon dioxide, foam, or water spray (mist/fog) to extinguish.					
UNSUITABLE EXTINGUISHING MEDIA:	None known.					
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 RELEA	SE MEASURES					
ACCIDENTAL RELEASE MEASURES:	For major spills call CHEMTREC : Toll free 1-800-424-930 1-703-527-3887	00 for international ca	I			
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. K 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 wou 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 perso ensure surrounding area does not contain further hazards th or cause further harm (i.e. eliminate any ignition sources). M containers from the spill zone if it can be done safely. Dike, of leaks without posing further damage or harm to individuals, Contain and collect spillage. See SECTION 13: DISPOSAL C and SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTE Protective Equipment (PPE). Obey all local, state, and federate	nat could worsen the sp ove any non-contamina dam, or further restrict a the environment, and/c ONSIDERATIONS for d ECTION for recommend	ill, cause migration, ated, non-leaking and stop active r structures. isposal information ded Personal			

SECTION 7: HANDLING & STOR	AGE					
GENERAL:	Ideal storage temperature is 60-90°F (15-32°C). Handling and storage shall be in accordance with local, state/provincial, or federal regulations.					
HANDLING:	Before opening this package, read and follow warning labels on all components. Avoid contact with the product or reaction mixture. Put on appropriate personal protective equipment. Use only with adequate ventilation to ensure that the occupational exposure limit is not exceeded, use respirator when ventilation is inadequate. Avoid breathing aerosols, mists, and vapors. (See SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION for details). Do not ingest. Eating, drinking, and smoking shall be prohibited in areas where this material is handled, stored, and processed. Workers shall wash hands and face before eating, drinking, and smoking. Persons with a history of skin sensitization problems, asthma, allergies, or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes, on skin, or clothing. Keep in the original container or an approved alternative made from a compatible material. Keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.					
STORAGE:	Keep container tightly closed and properly sealed when stored. When possible, store product indoors in a dry, well-ventilated area. Store in original container, away from incompatible materials, and away from food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers and use appropriate containment to avoid environmental contamination.					
SECTION 8: EXPOSURE CONTR	OLS/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 contaminates 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 it takes to breakdown of protection factors of chemical resistant gloves 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. 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 OSHA 29CFR 1910.134, 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 & C		IES						
PHYSICAL STATE:	Liquid	FLAS	H POINT	:	Not available			
COLOR:	Clear yellow	AUTO	-IGNITIC	ON TEMPERATURE:	Not available			
ODOR:	Amine odor	DECO	MPOSI	TION TEMPERATURE:	Not available			
ODOR THRESHOLD:	Not available	EXPL	EXPLOSIVE LIMITS:		Not explosive			
pH:	Not applicable	FLAM	FLAMMABILITY:		Not available			
WATER SOLUBILITY:	Not available	BOIL		NT:	Not available			
PARTITION COEFFICIENT:	Not available	BOIL	NG RAN	IGE:	Not available			
SPECIFIC GRAVITY:	0.99±0.005 g/cc @ 77°F	(25°C) MELT	ING/FRE	EZING POINT:	Not available			
VISCOSITY:	300±25 mPa.s @ 77°F (2	5°C) VAPC	OR PRES	SURE:	Not available			
EVAPORATION RATE:	Not available	VAPO	OR DENS	ITY:	Not available			
VOC:	0 g/L	RELA	TIVE DE	NSITY:	8.3±0.05 lbs/gal			
SECTION 10: STABILITY &	REACTIVITY							
STABILITY:	Stable when handled an	d stored at temp	eratures	60-90°F (15-32°C).				
INCOMPATIBILITY:	Strong reaction with acid	ls and oxidizing a	agents.					
HAZARDOUS REACTION:	No specific data availabl	e.						
HAZARDOUS POLYMERIZATION:	Hazardous polymerizatio	on will not occur	under no	ormal conditions of storage	e and use.			
CONDITIONS TO AVOID:	Avoid temperatures above 100°F (38°C) and freezing temperatures. Avoid moisture contamination in containers.							
HAZARDOUS DECOMPOSITION:	Combustion of product wi	II lead to oxides o	f nitroger	n, carbon dioxide, and carbo	on monoxide being produced.			
SECTION 11: TOXICOLOGY	INFORMATION							
ACUTE HEALTH EFFECTS:								
EYE CONTACT:	Not available.							
SKIN CONTACT:	Not available.							
INHALATION:	Not available.							
INGESTION:	Not available.							
ACUTE TOXICITY:								
COMPONENT NAME	CAS NUMBER	LD ₅₀ Oral (m	g/kg)	LD ₅₀ Dermal (mg/kg)	LC ₅₀ Inhalation (mg/L/4hrs)			
Polyoxypropylenediamine	9046-10-0	2,885 (ra	t)	2,980 (rabbit)	0.37 (rat)			
Diethylmethylbenzenediamine	68479-98-1	738 (rat)		>2,000 (rabbit)	Not available			
Glyceryl poly (oxypropylene) triamine	64852-22-8	2,690 (ra	t)	12,500(rabbit)	Not available			
POTENTIAL CHRONIC EFFECTS:								
CHRONIC EFFECTS:	thyroid, and eyes. There	e was an increas	e in the r	number of tumors in the liv	d effects in the pancreas, liver, ver and thyroid of male rats. An s of female rats was also found.			
TARGET ORGANS:	Pancreas, liver, thyroid, a	and eyes.						
CARCINOGENICITY:	As of this publication, th Carcinogens. Please re	is material is not fer to the most re	listed on ecent info	the National Toxic Progra prmation with NTP.	m (NTP) Report of			
MUTAGENICITY:	No known significant eff	ects or critical ha	azards.					
TERATOGENICITY:	No known significant eff	ects or critical ha	azards.					
FERTILITY EFFECTS:	No known significant eff	ects or critical ha	azards.					
DEVELOPMENTAL EFFECTS:	No known significant eff	ects or critical ha	azards.					
MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:	No known significant eff	ects or critical ha	azards.					

SECTION 12: ECOLOGICAL INFORMATION					
ENVIRONMENTAL EFFECTS:	Based on a review of the individual components, this product may be immediately harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment, and not readily biodegradable.				
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

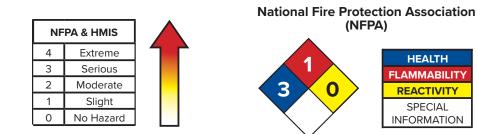
PROPER SHIPPING NAME	
DOT:	Amines, liquid, corrosive, n.o.s. (Polyoxypropylendiamine)
TDG:	Amines, liquid, corrosive, n.o.s. (Polyoxypropylendiamine)
IMDG:	Amines, liquid, corrosive, n.o.s. (Polyoxypropylendiamine)
IATA:	Amines, liquid, corrosive, n.o.s. (Polyoxypropylendiamine)

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	UN2735	8	Ξ	CORROSIVE 8	None
TDG Classification	UN2735	8	Ш	CORROSIVE 8	None
IMDG Classification	UN2735	8	111	CORROSIVE 8	Emergency schedules (EmS) F-A, S-B
IATA-DGR Classification	UN2735	8	Ш	CORROSIVE 8	Passenger and Cargo Aircraft Quantity limitation: 5 L Packaging Instructions: 852 Cargo Aircraft Only Quantity limitation: 60 L Packaging Instructions: 856
*PG: Packaging group	с.				

SECTION 15: REGULATORY INF	ORMATION					
U.S. FEDERAL REGULATIONS						
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	COMPONENT	CAS NUMBER	CONCENTRATION			
Requirements:	Diethylmethylbenzenediamine	68479-98-1	20-40%			
SARA 311/312 hazard identification:	Immediate (acute) health hazard. Delayed (chronic) 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 acco the information required by the Controll		e Controlled Products Reg	ulations and the SDS contains all			
INTERNATIONAL LISTS:						
Australia inventory (AICS):	All components are listed or exemp	ted.				
China inventory (IECSC):	All components are listed or exempted.					
Japan inventory:	All components are listed or exemp	ted.				
Korea inventory:	All components are listed or exemp	ted.				
New Zealand inventory of Chemicals (NZIoC):	All components are listed or exempted.					
Phillipines inventory (PICCS):	All components are listed or exemp	ted.				

SECTION 16: OTHER INFORMATION



Hazardous Material Information System (HMIS)

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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.

HEALTH

SPECIAL

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.