



SAFETY DATA SHEET

AQUASEAL™ HI RISE X5 "A" Component Revised Date: 10/23/2018 Version: 5

ersion: 5 SDS-215

SECTION 1: IDENTIFICATION

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

FAX

AQUASEAL™ HI RISE X5 "A" Component Synergy Series

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





DANGER

DAITOER						
GHS CLASSIFICATION						
CATEGORY			HAZARD STATEMENTS			
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.			
Acute toxicity inhalation	Category 4	H332	Harmful if inhaled.			
Respiratory sensitization	Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.			
Specific target organ toxicity (STOT), single exposure; respiratory tract	Category 3	H335	May cause respiratory irritation.			
Specific target organ toxicity (STOT), repeated exposure	Category 1	H372	Causes damage to organs (respiratory tract) through prolonged or repeated exposure if inhaled.			

	PRECAUTIONARY STATEMENTS			
PREVENTION				
P260	Do not breathe 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 out doors 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.			
	RESPONSE			
P302+P352	IF ON SKIN: Wash with plenty of soap and water.			
P321	Specific treatment (as detailed in this SDS).			
P332+P313	IF SKIN irritation occurs: Get medical advice/attention.			
P362	Take off contaminated clothing and wash before reuse.			
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.			
P337+P313	IF eye irritation persists: Get medical advice/attention.			
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.			
P304+P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.			
P342+P311	IF experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.			
P314	Get medical advice/attention if you feel unwell.			
	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.			

SECTION 3: COMPOSIT	ION/INFORMATION ON INGREDIENTS		
CHEMICAL NAME		CAS NUMBER	% WEIGHT
Isocyantes, reaction product of	polvol with MDI	*Proprietary	10-30
2,4'-Diphenylmethane diisocya	• •	5873-54-1	20-40
4,4'-Diphenylmethane diisocya		101-68-8	20-40
Propylene carbonate		108-32-7	1-10
Polymethylene polyphenylene	isocvanate	9016-87-9	1-5
2,2'-Diphenylmethane diisocya	<u> </u>	2536-05-2	1-5
, ,	and exact percentage (concentration) is withheld as a trade secret per a		
SECTION 4: FIRST AID N		p p m m m m m m m m m m m m m m m m m m	
EYE:	In case of contact, immediately flush eyes with plenty of water for at least 15 mir	nutes. Get medical attenti	on immediately.
SKIN:	After contact with skin, wash immediately with plenty of warm, soapy water. Ren Continue to rinse for at least 10 minutes. A poly-glycol based skin cleanser or co water. Get medical attention if symptoms occur. Wash clothing before reuse. Cle	orn oil may be more effec	tive than soap and
INHALATION:	Move exposed person to fresh air. Get medical attention immediately. irritation or bronchospasm. If breathing is labored, oxygen should be a		
INGESTION:	Do not induce vomiting unless directed to do so by medical personnel. Never g person. Provided the patient is conscious, wash out mouth with water. Get med		
NOTES TO PHYSICIAN:	Symptomatic and supportive therapy as needed. Following severe expenditored for 48 hours.	oosure, medical follow	-up should be
SECTION 5: FIRE FIGHTI	NG MEASURES		
FLASH POINT:	Not available.		
HAZARDS WHEN ON FIRE OR NEAR FLAME:	Closed container may forcibly rupture under extreme heat or when cor ($\mathrm{CO_2}$ formed).	ntents 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 action shall be taken involving any personal risk or without suitable tra increase will occur and the container may rupture.		
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:	Fire-fighters should wear appropriate protective equipment and self-co with a full face-piece operated in positive pressure mode. PVC boots, clothing should be worn.	ontained breathing ap gloves, safety helmet,	paratus (SCBA) and protective
SECTION 6: ACCIDENTA	L RELEASE MEASURES		
ACCIDENTAL RELEASE MEASURES:	For major spills call CHEMTREC : Toll free 1-800-424-9300 for internat	ional call 1-703-527-3	887.
PERSONAL PRECAUTIONS:	Wear appropriate personal protective equipment recommended in SEPERSONAL PROTECTION of this SDS. Immediately contact emergency upwind avoiding inhalation of vapors. Clean-up should only be perform dealing with major spillages should wear full protective clothing include	ly personnel. Evacuate med by trained persor	e the area. Keep nnel. People
ENVIRONMENTAL PRECAUTIONS:	This material may contaminate the environment without proper contro material does not come in contact with soil, waterway, drains, sewers, disperse the material. Inform the relevant authorities if the product ha (sewers, waterways, soil, or air). Sources of ignition should be kept cle	or other runoff that wo s caused environment	ould further '
METHODS FOR CONTAINMENT:	Use diking or capping to control migration. Contain and absorb large absorbent carrier (such as vermiculite, earth, or sand). DO NOT USE c Shovel into open-top drums or plastic bags for further decontamination dispose of residues. Dispose of via a licensed waste disposal contract CONSIDERATIONS) Notify applicable government authorities if release	ombustible materials s n, if necessary. Remo tor (See SECTION 13: I	such as sawdust. ve and properly
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 sharm (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 spill CONSIDERATIONS for disposal information and SECTION 8: EXPOSURE Commended Personal Protective Equipment (PPE). Obey all local, state,	pill, cause migration, or n-leaking containers fro without posing further of lage. See SECTION 13: CONTROL/ PERSONAL	cause further om the spill zone damage or harm DISPOSAL PROTECTION for

SECTION 7: HANDLING	& STOPAGE			
GENERAL:		-90°F (15-32°C). Handling and storage shall be in accordance with local, state/		
OLIVERAL.	provincial, or federal regulations	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:				
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	ACGIH TLV TWA: 0.005 ppm 8 hour(s) OSHA PEL CEIL: 0.02 ppm CEIL: 0.2 mg/m³ NIOSH REL CEIL: 0.2 mg/m³ 10 minute(s) CEIL: 0.02 ppm 10 minute(s) TWA: 0.05 mg/m³ 10 hour(s) TWA: 0.005 ppm 10 hour(s)			
Propylene carbonate	108-32-7	Not available		
Polymethylene polyphenylene isocyanate	9016-87-9	ALBERTA CANADA TWA TWA: 0.005 ppm TWA: 0.07 mg/m ³		
2,2'-Diphenylmethane diisocyanate	2536-05-2	Not available		
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 EQU	IPMENT (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:		the respirator is the sole means of protection, use a full-face supplied respirator. Use sted and approved under appropriate government standards such as OSHA 29CFR U).		
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.			

	CHEMICAL PROPE	RTIES			
PHYSICAL STATE:	Liquid	FLASH PO	INT:	Not available	
COLOR:	Clear yellow	AUTO-IGN	ITION TEMPERATURE:	Not available	
ODOR:	Slightly musty	DECOMPO	DSITION TEMPERATURE:	Not available	
ODOR THRESHOLD:	Not available	EXPLOSIV	E LIMITS:	Not explosive	
pH:	Not applicable	FLAMMAE	BILITY:	Not available	
WATER SOLUBILITY:	Not available	BOILING F	POINT:	Not available	
PARTITION COEFFICIENT:	Not available	BOILING F	ANGE:	Not available	
SPECIFIC GRAVITY:	1.10±0.005 g/cc @ 77°	F (25°C) MELTING /	FREEZING POINT:	Not available	
VISCOSITY:	1,175±25 mPa.s @ 77°f	(25°C) VAPOR PF	RESSURE:	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 &	REACTIVITY				
STABILITY:	Stable when handled	and stored at temperatu	res 60-90°F (15-32°C).		
INCOMPATIBILITY:	Incompatible with wat	er, alcohols, amines, bas	es, and acids.		
HAZARDOUS REACTION:	hazardous reactions will materials containing active be violent at higher temp presence of solvents. The	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 and 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 clioxide.			
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 contamination and high temperatures.				
HAZARDOUS DECOMPOSITION:	May produce toxic fur source/flame.	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	Causes eye irritation with symptoms of reddening, tearing, stinging, and swelling. May cause temporary corneal injury. Vapor or aerosol may cause irritation with symptoms of burning and tearing.			
SKIN CONTACT:	Causes skin irritation with symptoms of reddening, itching, and swelling. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash. Cured material is difficult to remove. Contact with MDI can cause discoloration.				
		tact with MDI can cause	s of reddening, itching, swe discoloration.	lling, and rash. Cured material is	
INHALATION:	membranes in the respira shortness of breath and re hyperreactivity can respon asthma-like symptoms. Ex edema (fluid in lungs). Che reported. These symptom test atmosphere generate placed on the market, and	st at concentrations above tory tract (nose, throat, lungs educed lung function (breath at to concentrations below posure well above the TLV emical or hypersensitivity pris can be delayed up to seved in the animal study is not I how it can reasonably be a sassessing hazard. Based of	discoloration. the TLV or PEL can irritate (burns) causing runny nose, sore throing obstruction). Persons with the TLV or PEL with similar symor PEL may lead to bronchitis, leumonitis, with flu-like symptoeral hours after exposure. These representative of workplace expected to be used. Therefore	lling, and rash. Cured material is	
INHALATION: INGESTION:	membranes in the respira shortness of breath and re hyperreactivity can respon asthma-like symptoms. Ex edema (fluid in lungs). Che reported. These symptom test atmosphere generate placed on the market, and applied for the purpose of classification for acute inh	stat concentrations above tory tract (nose, throat, lungs educed lung function (breath and to concentrations below posure well above the TLV emical or hypersensitivity priscan be delayed up to seved in the animal study is not a low it can reasonably be a assessing hazard. Based of alation toxicity is justified.	discoloration. the TLV or PEL can irritate (burrs) causing runny nose, sore throwing obstruction). Persons with the TLV or PEL with similar symmor PEL may lead to bronchitis, leumonitis, with flu-like symptoeral hours after exposure. These representative of workplace erexpected to be used. Therefore an expert judgment and the well-	lling, and rash. Cured material is ming sensation) the mucous pat, coughing, chest discomfort, a preexisting, nonspecific bronchial aptoms as well as asthma attack or pronchial spasm and pulmonary ms (e.g., fever, chills), has also been se effects are usually reversible. The prironments, how the substance is at the test result cannot be directly	
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INGESTION: ACUTE TOXICITY: COMPONENT NAME 2,4'-Diphenylmethane diisocyanate	membranes in the respiral shortness of breath and responsivity can responsivity can responsivity can responsivity can responsive edema (fluid in lungs). Che reported. These symptom test atmosphere generate placed on the market, and applied for the purpose of classification for acute inh	st at concentrations above tory tract (nose, throat, lungs educed lung function (breath and to concentrations below posure well above the TLV emical or hypersensitivity pressons be delayed up to seved in the animal study is not I how it can reasonably be a sassessing hazard. Based of alation toxicity is justified. LD ₅₀ Oral (mg/kg) >2,000 (rat)	discoloration. the TLV or PEL can irritate (burrs) causing runny nose, sore throning obstruction). Persons with the TLV or PEL with similar symor PEL may lead to bronchitis, leumonitis, with flu-like symptoeral hours after exposure. These representative of workplace enexpected to be used. Therefore n expert judgment and the weens may include abdominal parts. LD ₅₀ Dermal (mg/kg) >9,400 (rabbit)	lling, and rash. Cured material is ning sensation) the mucous pat, coughing, chest discomfort, a preexisting, nonspecific bronchial uptoms as well as asthma attack or pronchial spasm and pulmonary ms (e.g., fever, chills), has also been see effects are usually reversible. The nivironments, how the substance is at the test result cannot be directly gift of the evidence, a modified in, nausea, vomiting, and diarrhea. LC ₅₀ Inhalation (mg/L/4hrs) 0.49 (rat)	
INGESTION: ACUTE TOXICITY: COMPONENT NAME 2,4'-Diphenylmethane diisocyanate 4,4'-Diphenylmethane diisocyanate	membranes in the respiral shortness of breath and responsive to the present and responsive the present and responsive the present and the pres	st at concentrations above tory tract (nose, throat, lungs educed lung function (breath and to concentrations below posure well above the TLV emical or hypersensitivity priscan be delayed up to seved in the animal study is not all how it can reasonably be a sassessing hazard. Based of alation toxicity is justified. LD ₅₀ Oral (mg/kg) >2,000 (rat)	discoloration. the TLV or PEL can irritate (burrs) causing runny nose, sore throwing obstruction). Persons with the TLV or PEL with similar symmor PEL may lead to bronchitis, leumonitis, with flu-like symptoeral hours after exposure. These representative of workplace erexpected to be used. Therefore an expert judgment and the week may include abdominal parts. LD ₅₀ Dermal (mg/kg) >9,400 (rabbit)	lling, and rash. Cured material is ning sensation) the mucous pat, coughing, chest discomfort, a preexisting, nonspecific bronchial aptoms as well as asthma attack or pronchial spasm and pulmonary ms (e.g., fever, chills), has also been se effects are usually reversible. The price of the test result cannot be directly ght of the evidence, a modified hin, nausea, vomiting, and diarrhea. LC ₅₀ Inhalation (mg/L/4hrs) 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 isocyanate sensitization and respiratory reaction. This data reinforces the need to prevent direct skin contact with 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 significant effects or critical hazards.
TERATOGENICITY:	No known significant effects or critical hazards.
FERTILITY EFFECTS:	No known significant effects or critical hazards.
DEVELOPMENTAL EFFECTS:	No known significant effects or critical hazards.
MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:	Existing respiratory/pulmonary and skin conditions may be aggravated by overexposure.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS:

Based on a review of the individual components, this product has low ecotoxicity on aquatic organisms. When in contact with water an inert non-biodegradable solid will be produced. There is no evidence of bio-accumulation occurring.

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:	Other regulated substance, liquid, n.o.s. (contains: 4,4'-Diphenylmethane diisocyanate) *Single containers less than 5,000 lbs. are not regulated.		
TDG:	Not regulated.		
IMDG:	Not regulated.		
IATA:	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.

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					

SECTION 15: REGULATORY I	NFORMATION					
U.S. Federal Regulations						
TSCA 8b Inventory:	All components are listed on the TSCA inventory or are exempt.					
TSCA 5a (2):	No components list	No components listed.				
TSCA 5e:	No components list	ted.				
TSCA 12b:	No components lis	ted.				
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs):	СОМР	ONENT	CAS NUMBER		CONCENTRATION	
nazardous Ali Foliutants (nAFS).	4,4'-Diphenylmetha	ane diisocyanate	101	101-68-8		
Clean Air Act - Ozone Depleting Substances (ODS):	This product does	This product does not contain nor is it manufactured with ozone depleting substances.				
SARA 313 Form R - Reporting	СОМР	ONENT	CAS N	IUMBER	CONCENTRATION	
Requirements:	4,4'-Diphenylmetha	ane diisocyanate	101	-68-8	20-40%	
	Polymethylene polyisocyanate	yphenylene	901	6-87-9	1-5%	
SARA 311/312 hazard identification:	Immediate (acute) l Delayed (chronic) h	Immediate (acute) health hazard. Delayed (chronic) health hazard.				
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	
Polymethylene polyphenylene isocyanate	1-5%	Not listed	Listed	Not listed	Not available	
STATE REGULATIONS:						
PENNSYLVANIA/NEW JERSEY/	COMPONENT		CAS N	IUMBER	CONCENTRATION	
MASSACHUSETTS - RTK:	2,4'-Diphenylmethane diisocyanate		5873-54-1		20-40%	
	4,4'-Diphenylmethane diisocyanate		101-68-8		20-40%	
	Polymethylene polyisocyanate	yphenylene	9016-87-9		1-5%	
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-1A: Material causing immediate and serious toxic effects (very toxic). WHMIS Class D-2A: Material causing other toxic effects (very toxic).					
CEPA DSL:	All components are listed or exempted.					
This product has been classified in the information required by the Co			ne Controlled Prod	ucts Regulations an	d the SDS contains all	
INTERNATIONAL LISTS:						
Australia inventory (AICS):	All components are	e listed or exempted.				
China inventory (IECSC):	All components are	e listed or exempted.				
Japan inventory:	All components are	e listed or exempted.				
Korea inventory:	All components are	e listed or exempted.			1	
New Zealand inventory of Chemicals (NZIoC):	All components are	e listed or exempted.				
Phillipines inventory (PICCS):	All components are				_	

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	1
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.

	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.