

1. Product and Company Iden					
PRODUCT NUMBER:	2096002 (2 gl clear), 209610 2095603 (cartridge)	L L	OMPANY PHONE:		1-800-241-8180
PRODUCT NAME:	C-JOINT – NEW & IMPROVED - PART A		MERGENCY TELEPHON	E:	1-800-535-5053
PRODUCT DESCRIPTION:	Floor Joint Sealer	I	NFOTRAC:		1-800-535-5053
COMPANY INFORMATION:	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkv Alpharetta, GA 30004	vay			
2. Hazards Identification					
GHS CLASSIFICATION:		SIGNAL WORD:	SYMBOL:		
Acute toxicity (Inhalation) Categ	ory 4,	DANGER			
Acute toxicity (Oral) Category 4					
Specific target organ toxicity - si					
Category 3, Serious eye damag				$\mathbf{\vee}$	
Skin Corrosion/Irritation categor	y 3				
HAZARD STATEMENTS:					
Warning: May be Har	mful if swallowed				
Warning: Harmful if in	haled.				
Warning: May cause					
Warning: Causes eye					
Warning: Causes mile					
PRECAUTIONARY STATEMEI	ep out of reach of children.				
Prevention: P102 Re P103 Read label befo					
	gloves/protective clothing/eye	protection/face prote	ection.		
	dust/fume/gas/mist/vapours/sp				
	ors or in a well-ventilated area				
P264 Wash hands the	proughly after handling.				
	k or smoke when using this pro				
	340 IF INHALED: Remove victi		eep at rest in a position cor	nfortable for breathir	g
	CENTER or doctor/physician if				
	LLOWED: call a POISON CEN	TER or doctor/physi	cian IF you feel unwell.		
P330 Rinse mouth.	IF IN EYES: Rinse cautiously v	ith water for severa	minutos Pomovo contact	longos if prosont a	d assy to do Continuo
rinsing.	IF IN ETES. KINSE Cautiously v	Mill water for severa	minutes. Remove contact	ienses, il present al	iu easy to uo. Continue
	rritation persists: Get medical a	dvice/attention			
	irritation occurs: Get medical a				
Storage: P405 Store					
	a well-ventilated place. Keep o	ontainer tightly clos	ed.		
Disposal: P501 Disp	ose of contents/container to a w	aste disposal facilit	y in accordance with local,	state, federal or inte	rnational laws
HAZARDS NOT OTHERWISE					
Other non-classifiable	•				
Carcinogen Category					
POTENTIAL HEALTH EFFECT	<b>S</b> Icentration can cause severe irr	itation to the avec			
Skin: Can cause irrita		nation to the eyes, f	nee or threat		
		<b>3</b> ,	lose or throat.		
		membranes if swall			
Ingestion: Liquid can	cause irritation to the mucous		owed.		
Ingestion: Liquid can Inhalation: High vapo	cause irritation to the mucous or concentration can cause seve		owed.		
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated	cause irritation to the mucous or concentration can cause sev ND CHRONIC): d exposure may cause asthma	ere irritation to the re and skin sentization	owed. espiratory tract.	5.	
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX	ere irritation to the re and skin sentization	owed. espiratory tract.	5.	
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions	cause irritation to the mucous or concentration can cause sev ND CHRONIC): d exposure may cause asthma	ere irritation to the re and skin sentization	owed. espiratory tract.	5.	
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments.	ere irritation to the re and skin sentization	owed. espiratory tract.	5.	
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: No NT	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments. TP: No IARC: Yes	ere irritation to the re and skin sentization	owed. espiratory tract.	5.	
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: NO NT ADDITIONAL CARCINOGENIC	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments. TP: No IARC: Yes CITY INFORMATION:	ere irritation to the re and skin sentization <b>KPOSURE:</b>	owed. espiratory tract. or other allergic responses		CARCINOGENIC RISK
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeater MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: No NT ADDITIONAL CARCINOGENIC Some colors may con	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments. TP: No IARC: Yes	ere irritation to the re and skin sentization <b>KPOSURE:</b> Of Carcinogenicity:	owed. espiratory tract. or other allergic responses		CARCINOGENIC RISK
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeater MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: No NT ADDITIONAL CARCINOGENIC Some colors may con OF CHEMICALS TO	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma <b>RALLY AGGRAVATED BY EX</b> is or other allergic ailments. TP: No IARC: Yes CITY INFORMATION: tain carbon black - Explanation	ere irritation to the re and skin sentization KPOSURE: Of Carcinogenicity: GROUP 2B.	owed. espiratory tract. or other allergic responses IARC MONOGRAPHS OI		CARCINOGENIC RISK
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: NO NT ADDITIONAL CARCINOGENIC Some colors may con OF CHEMICALS TO Titanium Dioxide is lis	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma <b>RALLY AGGRAVATED BY EX</b> s or other allergic ailments. <b>TP: NO IARC: Yes</b> <b>CITY INFORMATION:</b> tain carbon black - Explanation MAN, VOL 65, PG 149, 1996: ( ted by IARC as possibly carcin	ere irritation to the re and skin sentization KPOSURE: Of Carcinogenicity: GROUP 2B.	owed. espiratory tract. or other allergic responses IARC MONOGRAPHS OI		CARCINOGENIC RISK
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: NO NT ADDITIONAL CARCINOGENIC Some colors may con OF CHEMICALS TO Titanium Dioxide is lis 3. Composition / Information (	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma <b>RALLY AGGRAVATED BY EX</b> s or other allergic ailments. <b>TP: NO IARC: Yes</b> <b>CITY INFORMATION:</b> tain carbon black - Explanation MAN, VOL 65, PG 149, 1996: ( ted by IARC as possibly carcin	ere irritation to the re and skin sentization KPOSURE: Of Carcinogenicity: GROUP 2B.	owed. espiratory tract. or other allergic responses IARC MONOGRAPHS OI		CARCINOGENIC RISK
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeater MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: No NT ADDITIONAL CARCINOGENIC Some colors may con OF CHEMICALS TO	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments. TP: NO IARC: Yes CITY INFORMATION: tain carbon black - Explanation MAN, VOL 65, PG 149, 1996: O ted by IARC as possibly carcin on Ingredients	ere irritation to the re and skin sentization <b>KPOSURE:</b> Of Carcinogenicity: GROUP 2B. ogenic to humans (g	owed. espiratory tract. or other allergic responses IARC MONOGRAPHS Of group 2B).	N EVALUATION OF	
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: No NT ADDITIONAL CARCINOGENIC Some colors may con OF CHEMICALS TO Titanium Dioxide is lis 3. Composition / Information of Chemical Name CASTOR OIL	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments. TP: No IARC: Yes CITY INFORMATION: tain carbon black - Explanation MAN, VOL 65, PG 149, 1996: O ted by IARC as possibly carcin on Ingredients CAS 8001-79-4 ITH 2,2'-OXYBIS [ETHANOL]	ere irritation to the re and skin sentization <b>KPOSURE:</b> Of Carcinogenicity: GROUP 2B. ogenic to humans (g OSHA PEL NONE	owed. or other allergic responses IARC MONOGRAPHS Of group 2B). ACGIH TLV NONE	N EVALUATION OF OSHA STEL NONE	<b>Weight %</b> 10-30
Ingestion: Liquid can Inhalation: High vapo HEALTH HAZARDS (ACUTE A Prolonged or repeated MEDICAL CONDITIONS GENE Respiratory conditions CARCINOGENICITY OSHA: NO NT ADDITIONAL CARCINOGENIC Some colors may con OF CHEMICALS TO Titanium Dioxide is lis 3. Composition / Information of Chemical Name	cause irritation to the mucous or concentration can cause seven ND CHRONIC): d exposure may cause asthma RALLY AGGRAVATED BY EX s or other allergic ailments. TP: No IARC: Yes CITY INFORMATION: tain carbon black - Explanation MAN, VOL 65, PG 149, 1996: O ted by IARC as possibly carcin on Ingredients CAS 8001-79-4 ITH 2,2'-OXYBIS [ETHANOL] 36890-68-3	ere irritation to the re and skin sentization <b>KPOSURE:</b> Of Carcinogenicity: GROUP 2B. ogenic to humans (g OSHA PEL NONE	owed. espiratory tract. or other allergic responses IARC MONOGRAPHS Of group 2B).	N EVALUATION OF	Weight %

Precipitated Silica Aluminum Oxide (Non-fibrous)	37625-56-2				
Aluminum Oxide (Non-fibrous)		NONE	NONE	NONE	15-40
· · · ·	112926-00-8	NONE	80mg/m3	NONE	0.1-1
	1344-28-1	5mg/m3	10mg/m3	NONE	1-5
Sodium Oxide	1313-59-3	NONE	NONE	NONE	1-5
Magnesium Oxide	1309-48-4	15mg/m3	10mg/m3	NONE	1-5
Siloxanes and silicones, di-me react	ions products with s	ilica (non-hazardous	5)		
	67762-90-7	NONE	NONE	NONE	0.1-1
siloxanes and silicones, di-methyl (n	on-hazardous)				
	63148-62-9	NONE	NONE	NONE	0.1-1
Alkyl Quaternary Ammonium Clay	Proprietary	NONE	NONE	NONE	1-5
Methyl N-Amyl Ketone	110-43-0	100 ppm	50 ppm	NONE	1-5
Dibutylin Dilurate	77-58-7	0.1mg / m3	0.1mg / m3	0.1mg / m30.1-1	
COLORS MAY CONTAIN:		Ű	Ŭ	0	
Titanium Dioxide	13463-67-7	10mg/m3	10mg/m3	5mg/m3	1-5
*CARBON	1333-86-4	3.5PPM	3.4PPM	NONE	<1.0
SECTION 3 NOTES: "*" Indicates TO 40 CFR 372 ARE PRESENT. Note: Ingredients listed without percent 4. First Aid Measures	. ,				
SKIN: Flush skin with water for at le occurs. INHALATION: Remove victim to fresh air if of INGESTION: Do not induce vomiting. Dilut 5. Fire-Fighting Measures	effects persist and adr	ninister oxygen if nec	essary.		eddening or swelling
FLASH POINT: 200+F METHOD USED: SETA FLASH SUITABLE FIRE EXTINGUISHING ME Foam, alcohol foam, CO2, dr SPECIFIC HAZARDS ARISING FROM Toxic fumes will be evolved v Cool all fire exposed containe UNUSUAL FIRE AND EXPLOSION HA None known.	ry chemical, water fog I <b>THE CHEMICAL:</b> when this material is in ers with water.	volved in a fire. A sel	-contained breathing	apparatus should be availa	able for all fire fighters.
6. Accidental Release Measures STEPS TO BE TAKEN IN CASE MAT Avoid contact with material. V tank. Take up the remainder	Near the appropriate s	afety equipment. Sto	o spill at source, dyke disposal containers.	area to prevent spreading	. Pump liquid to salvage
STEPS TO BE TAKEN IN CASE MAT Avoid contact with material. Avoid contact with material. tank. Take up the remainder 7. Handling and Storage	Near the appropriate s	afety equipment. Sto	o spill at source, dyke disposal containers.	area to prevent spreading	. Pump liquid to salvage
STEPS TO BE TAKEN IN CASE MATI Avoid contact with material. A tank. Take up the remainder 7. Handling and Storage SAFE HANDLING: Avoid all skin contact. Avoid eating, drinking, smoking or u OTHER PRECAUTIONS: Mixed materials contain the h	Wear the appropriate s with an absorbent suc breathing vapors. Res using toilet facilities. O	afety equipment. Sto h as clay and place in eal partially used con bserve good industria	a disposal containers. tainers. Properly label I hygiene and safe wo	all containers. Wash with orking practices.	soap and water before
STEPS TO BE TAKEN IN CASE MATI Avoid contact with material. A tank. Take up the remainder 7. Handling and Storage SAFE HANDLING: Avoid all skin contact. Avoid eating, drinking, smoking or u OTHER PRECAUTIONS: Mixed materials contain the h to using this product.	Near the appropriate s with an absorbent suc breathing vapors. Res using toilet facilities. O nazards of all the comp	afety equipment. Sto h as clay and place in eal partially used con bserve good industria	a disposal containers. tainers. Properly label I hygiene and safe wo	all containers. Wash with orking practices.	soap and water before
STEPS TO BE TAKEN IN CASE MATI Avoid contact with material. A tank. Take up the remainder 7. Handling and Storage SAFE HANDLING: Avoid all skin contact. Avoid eating, drinking, smoking or u OTHER PRECAUTIONS: Mixed materials contain the h	Wear the appropriate s with an absorbent suc breathing vapors. Res using toilet facilities. O nazards of all the comp tection	afety equipment. Sto h as clay and place in eal partially used con bserve good industria	a disposal containers. tainers. Properly label I hygiene and safe wo	all containers. Wash with orking practices.	soap and water before
<ul> <li>STEPS TO BE TAKEN IN CASE MATI Avoid contact with material. A tank. Take up the remainder</li> <li>7. Handling and Storage</li> <li>SAFE HANDLING: Avoid all skin contact. Avoid eating, drinking, smoking or u</li> <li>OTHER PRECAUTIONS: Mixed materials contain the h to using this product.</li> <li>8. Exposure Controls / Personal Product</li> </ul>	Wear the appropriate s with an absorbent suc breathing vapors. Res using toilet facilities. O nazards of all the comp tection	afety equipment. Sto h as clay and place in eal partially used con bserve good industria	a disposal containers. tainers. Properly label I hygiene and safe wo	all containers. Wash with orking practices.	soap and water before
STEPS TO BE TAKEN IN CASE MATI Avoid contact with material. A tank. Take up the remainder 7. Handling and Storage SAFE HANDLING: Avoid all skin contact. Avoid eating, drinking, smoking or u OTHER PRECAUTIONS: Mixed materials contain the h to using this product. 8. Exposure Controls / Personal Prot PERSONAL PROTECTIVE EQUIPMEN Eye/Face Protection: Splast Skin Protection:	Wear the appropriate s with an absorbent suc breathing vapors. Res using toilet facilities. O nazards of all the comp tection NT: h proof goggles or safe s: Impervious gloves –	eal partially used con bserve good industria ponents, therefore, re- ety glasses with side s Neoprene or rubber.	a disposal containers. tainers. Properly label I hygiene and safe wo ad the SDS's of all con ad the sDS's of all con shields.	all containers. Wash with orking practices. mponents to become famil	soap and water before iar with all hazards prior

9. Physical & Chemical Properti	ios		
	n viscosity clear or colored liquid.	Vapor Density (AIR=1):	Not applicable.
Odor:	Negligible odor.	Solubility (water):	Negligible.
Odor Threshold:	Not applicable.	Auto-Ignition Temp:	Not applicable.
pH:	Not applicable.	Decomposition Temp:	Not applicable.
Boiling Point/Range:	Not applicable.	Partition Coeff(n-octanol/water):	Not applicable.
Specific Gravity (H20 = 1):	1.1	Evaporation Rate:	Not applicable.
Melting/Freezing Point:	Not applicable.	Vapor Pressure:	Not applicable.
10. Stability & Reactivity Inform	action		
, ,	lation		
STABILITY: Stable. CONDITIONS TO AVOID (STAB			
	flames and all sources of ignitions	and sparks	
INCOMPATIBILITY (MATERIAL			
	ng oxidizing agents or materials.		
HAZARDOUS DECOMPOSITION			
HAZARDOUS POLYMERIZATIO	oon dioxide and nitrogen compounds	5.	
Will not occur.			
Win Hot occur.			
11. Toxicological Information			
No data for the product itself.			
Component Data:			(0.4) 1.0
		500 mg Mild; Draize test, rabbit, skin: 100 m	
	DLYMER WITH 2,2'-OXYBIS [ETHA ETHYL-2-(HYDROXYMETHYL) -1,3	NOL] CAS# 36890-68-3: Oral LD50 (rat) > 2 R-PROPANE CAS# 37625-56-2:	2000 mg/kg.
•	· · · · ·	dermal irritation/corrosion - Rabbit, Non irrita	ant (eves), - Rabbit, Non irritant (skin),
Skin irritation –Negligib		,,	
Eye irritation Negligible			
Component Titanium Dioxide:			
	5.82 mg/l; Oral LD50 > 5000 mg/kg, i	rat; In February 2006, IARC listed titanium di	oxide as possibly carcinogenic to
humans Group 2B. Component CAS# 112926-00-8:			
•	, LD50 dermal (rat) >2000 mg/kg		
Component Aluminum Oxide C			
		e cancer (tumorigenic) according to animal d	lata. No human data found. Special
	c Effects on Humans: Acute Potentia	al Health Effects:	
Skin: May cause skin in Eves: Nuissance Dust	ritation. Dust may cause mechanical eye irri	tation	
		membranes and upper respiratory tract. May	cause lung injury
		mounts mat cause gastrointestinal tract irrita	
for normal industrial ha		-	
		S# 1334-28-1, Sodium oxide CAS# 1313-59	
		. The components are an ocular irritant by FH irvived single massive doses equivalent to 32	
		indings on tissue taken fourteen days after do	
		gen Category 2B. LD50 – Intravenous, mous	
		Short term exposure to dust can cause min	
	, , ,	nponent may cause respiratory disorders or a	act as an allergen for persons who are
strongly allergic to quaternary am		$(m_{2})$ (m_{2}) 720 mg/kg lphalation LCE0 (rat)	2000 4000 ppm 4 br Dormal I DE0
		0 (mouse) 730 mg/kg; Inhalation LC50 (rat) 2 irritation (Rabbit) – slight to moderate; Eye ir	
(human) none			
Component Dibutylin Dilurate C		(LD50, RAT) 3200.00 MG/KG. ACUTE DERN	
		L/1 HR. AMES TEST: NEG (ACTIVATED & N	
		VAPS/MISTS ARE NOT LIKELY TO BE EN	
		OT REQ TOXIC LBL ACCORD TO U.S. DO F RABBIT. MOD IRRITANT TO SKIN OF RA	
12. Ecological Information			
No data for the product itself.			
Component Data:		NOL] CAS# 36890-68-3: Fish LC50, 96 hou	re 80 mg/l fish LC50 06 hours 20
		calculated value, QSAR) degredation product	
		B-PROPANE CAS# 37625-56-2: Acute toxicit	
96h, 150 mg/l. Bactéria	, Achromobacter sp., NOEC, 16 h, 6	670 mg/l.	- · · · · ·
•	ready biodegradability/modified STU	IRM, > 60%, 7 day (s)	
Result: Readily biodeg		intic onvironment is limited due to an duct any	portion Doody biodogradability
		iatic environment is limited due to product pro ow) < 1000 mg/l @ 96h LC50; Pseudokirchn	
	magna (water flea) > 1000 mg/l @ 4		enena subcapitate (green algae) or mg/l
	Ecotoxicity: EC50 (fish) .10000 mg/		
Component Aluminum Oxide C		· · · · · · · · · · · · · · · · · · ·	

	s of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may
arise. <b>Toxicity</b>	of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Component CAS#	112926-00-8, Component Aluminum Oxide CAS# 1334-28-1, Sodium oxide CAS# 1313-59-3
	nesium Oxide CAS# 1309-48-4: ain Concentration Potential: Non expected for components.
Component CAS#	<b>110-43-0:</b> BOD-5: 1770 mg/kg; BOD-20: 2000 mg/kg; COD: 2420 mg/kg. Acute Aquatic Effects: 96 hr LC50 (fathead minnow) 131 0 (daphnia) >90 mg/l (highest concentration tested)
13. Disposal Cons	ideration
WASTE DISPOSAL Dispose of	L <b>METHOD:</b> of the material in a waste disposal site in accordance with local, state and federal law
14. Transportation	Information
DOT:	Not regulated.
IMO/IMDG:	Not regulated.
15. Regulatory Info	
US FEDERAL REG	GULATIONS:
Component Data:	
	OR OIL CAS# 8001-79-4: component is on the TSCA list and Canada DSL.
Component 2-OXY	EPANONE, POLYMER WITH 2,2'-OXYBIS [ETHANOL] CAS# 36890-68-3: Component is on the TSCA list and Canada DSL. (PANONE, 2-ETHYL-2-(HYDROXYMETHYL) -1,3-PROPANE CAS# 37625-56-2: rentory 8(b): Yes.
National I	Regulations (Canada): Canadian NSN Registration: DSL # 11400.
	Classification: Not Listed. Regulations (Europe): National Regulations (Europe) EINECS / ELINCS #: EINECS: Not applicable
Component Titani	<b>um Dioxide</b> : Contains Proposition 65 Chemicals, is on the PA Hazardous substance list, is on the NJ right to know Regulated chemical
List. Titanium	Dioxide is on inventory or in compliance with EINECS, TSCA, AICS, DSL, ENCS (JP), KECI (KR), PICCS (PH) and INV (CN.
Component CAS#	<b>112926-00-8</b> : Is not classified as dangerous. National Chemical Inventory listings include – AICS, DSL, IECSC, EINECS, ENCS, (LOC, PICCS, TSCA,
	num Oxide CAS# 1334-28-1:
	and State Regulations: kic substances disclosure to employee act: Aluminum oxide
Rhode Isl	land RTK hazardous substances: Aluminum oxide
	a: Aluminum oxide usetts RTK: Aluminum oxide
New Jers	ey: Aluminum oxide
	ey spill list: Aluminum oxide ı Director's list of Hazardous Substances: Aluminum oxide
	b) inventory: Aluminum oxide
	nemical notification and release reporting: Aluminum oxide
	gulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. Other Classifications: Canada): Not controlled under WHMIS (Canada). DSCL (EEC): R36/38- Irritating to eyes and skin. S2- Keep out of the reach of
children.	S46- If swallowed, seek medical advice immediately
	S# 1313-59-3: Component is on the TSCA list. CAS# 1309-48-4: Component is on the TSCA list.
	112926-00-8, Component Aluminum Oxide CAS# 1334-28-1, Sodium oxide CAS# 1313-59-3 and Magnesium Oxide CAS# 1309-
	are not classified as a controlled product under regulations pursuant to the federal hazardous product act (e.g. WHMIS)
	n: Contains Proposition 65 Chemicals. Carbon: is listed on TSCA and DSL Canada anes and silicones, di-me reactions products with silica: Included on TSCA, EINECS, MITI, ACOIN, and Canadian DSL inventory
or lists.	
	nes and silicones, di-methyl: Included on TSCA, EINECS, MITI, ACOIN, and Canadian DSL inventory or lists. Quaternary Ammonium Clay CAS# Proprietary: component is on the TSCA, European inventory, Canada DSL, and Australian AICS
lists. This	component is not known to be a hazardous chemical as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200
	110-43-0: On DSL and TSCA, EINECS, AICS, MITI and ECL lists. ylin Dilurate CAS# 77-58-7: Sara Title III Information: TOXIC SUBSTANCES CONTROL ACT (TSCA): ALL COMPONENTS ARE
	EPA TOXIC SUBSTANCES CTL ACT (TSCA) CHEM SUBSTANCE INVENTORY. OSHA HAZARD COMMUNICATION STD
	910.1200) HAZARD CLASS(ES): IRRITANT. KIDNEY TOXIN. EPA SARA TITLE III SECTION 312 (40CFR370) HAZARD CLASS.
	ILTH HAZARD. EPA SARA TITLE III 313 (40CFR372) TOXIC CHEMICALS "DE MINIMIS" LEVEL ARE NONE. ATORY INFORMATION:
CANADA	DSL-INCL ON INVENTORY. HAZARD CLASSIFICATION-CLASS D DIVISION 2B. (EEC). EINECS /ELINCS MASTER INVENTORY-
BY INHA	ED ON INVENTORY. EEC SYMBOL-HARMFUL (XN). EEC RISK (R) PHRASES-IRRITATING TO EYES & SKIN (R36/38). HARMFUL L (R20). EEC SFTY PHRASES-IN CASE OF CONT W/EYES, RINSE IMMED W/PLENTY OF WATER & SEEK MED ADVICE (S26).
	ILA-AICS-INCLUDED ON INVENTORY. ORY INFORMATION:
STATE R	EGS: PROPOSITION 65 SUBSTANCES (COMPONENT(S) KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER AND/OR
	DUCTIVE TOXICITY & SUBJECT TO WARNING & DISCHARGE REQUIREMENTS UNDER "SAFE DRINKING WATER AND TOXIC EMENT ACT OF 1986"): NONE.



1. Dreduct and Company Ident	ification			
1. Product and Company Ident PRODUCT NUMBER:	2096002 (2 gal clear), 209610	)2 (2 gal		4 000 044 0400
PRODUCT NAME:	gray), 2095603 (cartridge) C-JOINT - NEW & IMPROVED - <b>PART B</b>			1-800-241-8180
PRODUCT DESCRIPTION:	Floor Joint Sealer	EMERGENCI TELEPHONE.		1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC.		NFOTRAC:	1-800-535-5053
	1475 Bluegrass Lakes Parkwa Alpharetta, GA 30004	ау		
2. Hazards Identification				
GHS CLASSIFICATION:		SIGNAL WORD:	SYMBOL:	
Respiratory sensitizer category 1 Skin corrosion/irritation category	,	DANGER		
Skin sensitizer category 1B,	2,			
Serious eye irritation category 28				
Acute toxicity inhalation category				*
Specific target organ toxicity sing Long term hazard to aquatic env				
HAZARD STATEMENTS:	ioninoni outogory 4			
Danger: May cause all	lergy or asthma symptoms or br	eathing difficultie	s if inhaled.	
Warning: Causes skin				
Warning: May cause a Warning: Causes eye				
Warning: Causes eye Warning: May be harm				
Warning: May cause re				
May cause long lasting PRECAUTIONARY STATEMEN	g harmful effects to aquatic life			
	ep out of reach of children.			
P103 Read label befor	•			
	dust/fume/gas/mist/vapours/spr	ay		
P284 Wear respiratory	<pre> / protection gloves/protective clothing/eye p </pre>	rotaction/faca pr	staction	
	ork clothing should not be allow			
P264 Wash skin thoro	ughly after handling.			
	rs or in a well-ventilated area			antalala. Can buya atlain n
	340 IF INHALED: Remove victin iencing respiratory symptoms: c			ortable for breathing.
	KIN: wash with plenty of soap a			
P333 + P313 IF SKIN	irritation or rash occurs: Get me	dical advice/atter	ntion.	
P305 + P351 + P338 I	contaminated clothing and wash F IN EYES: Rinse cautiously wi		ral minutes. Remove contact le	nses, if present and easy to do. Continu
rinsing. P337 + P313 IF eve in	ritation persists: Get medical ad	vice/attention		
	LED: Remove victim to fresh air		in a position comfortable for br	eathing
	CENTER or doctor/physician if y	ou feel unwell.		-
Storage: P405 Store I P403 + P233 Store in	ocked up. a well-ventilated place. Keep co	ntainer tightly als	hae	
				ate, federal or international laws
POTENTIAL HEALTH EFFECTS	S	,	,	
Eyes: May cause irrita		kin oort-staat		
	tion or allergic skin response. Sl ial has a probable low acute ora		ause sensilization.	
			cause sensitization by inhalatio	n. This product is a respiratory irritant a
potential respiratory se	ensitiser: repeated inhalation of	vapour or aerosc	I at levels above the occupation	nal exposure limit could cause respirato
				o in sensitized persons. The onset of the
HEALTH HAZARDS (ACUTE A	may be delayed for several hou ND CHRONIC):	is aller exposure		
		permanent decre	ase in lung function. Single or	repeated skin contact or inhalation may
cause sensitization or	allergic reaction. Persons with a	asthmatic-type co	nditions, chronic bronchitis, oth	er chronic respiratory diseases or
	or sensitization should be exclu		t to materials or working with th	is products.
MEDICAL CONDITIONS GENE Respiratory conditions	or other allergic ailments.	FUSURE:		
CARCINOGENICITY				
	P: No IARC: Yes			
ADDITIONAL CARCINOGENIC	ITY INFORMATION: nethane 4,4'-disocyanate CAS#	101-68-8 ic 2 141	RC class 3 carcinogen	

3. Composition / Information on Ing	redients							
Chemical Name	CAS	OSHA PEL	ACGIH TLV	OSHA STEL	Weight %			
Isocyanates, reaction product of polyo	I with methylenediphe 9048-57-1	enyl disocyanate	NONE	NONE	30 - 60			
Diphenylmethane 4,4'-disocyanate	101-68-8	0.02ppm	0.005ppm	0.20mg/m3	30 - 60			
Homopolymer of methylenediphenyl di		0.02ppm	0.000ppm	0.20119,1110	00 00			
	25686-28-6	NONE	NONE	NONE	7 - 13			
SECTION 3 NOTES: "*" Indicates TO	DXIC CHEMICAL(S)	SUBJECT TO THE RE		EMENTS OF SECTION	313 OF TITLE III AND OF			
40 CFR 372 ARE PRESENT. Note: Ingredients listed without percentages, the percentages are considered a trade secret.								
4. First Aid Measures EMERGENCY OVERVIEW								
<b>EYES:</b> Flush eyes with water for at	least fifteen minutes.	Get immediate medica	al assistance.					
SKIN: Skin contact will normally ca		tation but wash affecte	d area with soap and	water or a polyglycol ba	ased skin cleanser and			
remove contaminated clothin INHALATION:	ng promptly.							
Remove victim to fresh air a	nd administer oxyger	n if necessary. Obtain r	nedical assistance. T	reatment is symptomatic	c for primary irritation or			
bronchospasm. INGESTION:								
Do not induce vomiting. Was	sh out mouth with wa	ter. Move exposed per	son to fresh air area.	Get medical attention im	nmediately if symptoms			
occur.								
NOTES TO PHYSICIANS OR FIRST A SECTION 4 NOTES: For severe expo		un should be monitored	l for at least 48 hours					
5. Fire-Fighting Measures FLAMMABLE LIMITS IN AIR,	UPPER: Not availa	able						
(% by volume)	LOWER: Not avail							
FLASH POINT: 200+F								
METHOD USED: SETA FLASH								
SUITABLE FIRE EXTINGUISHING M								
Foam, alcohol foam, CO2, d SPECIAL FIRE FIGHTING PROCEDU	lry chemical, water fo	g						
Use full bunker gear includir	-	e self-contained breathi	ng apparatus. Contai	ners may burst under int	tense heat. If water is used,			
very large amounts are requ		en water and isocyana	te may be vigorous.	-				
UNUSUAL FIRE AND EXPLOSION H No unusual fire hazards kno	-	n to water can be vigoro	ous.					
6. Accidental Release Measures STEPS TO BE TAKEN IN CASE MAT	FRIAL IS RELEASE							
Wear respirator and protecti	ve clothing, shut off t	he source at the leak. I	Remove excess with	vacuum truck and take u	up the remainder with an			
absorbent such as clay and	place in disposal con	tainers. Flush area wit	n a liquid decontamin	ant. For large spills, eva	cuate the area and test			
atmosphere for MDI.								
7. Handling and Storage								
SAFE HANDLING: Store in a cool dry place. Seal all partially used containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities.								
Mixed materials contain the	hazards of all the cor	mponents; therefore, re						
label all containers. Store m OTHER PRECAUTIONS:	aterial between 60-10	00°F and keep dry.						
Avoid all skin contact. Avoid	breathing vapors ge	nerated from the mater	ial. Observe condition	ns of good general hygie	ene and safe working			
practices. Contaminated lea		be cleaned and must be	e discarded if contam	inated with this product.	Wash all contaminated			
clothing prior to the reuse th								
8. Exposure Controls / Personal Pro								
PERSONAL PROTECTIVE EQUIPME	:N I :							
			Ш					
Eye/Face Protection: Splas	sh proof goggles or s	afety glasses with side	shields.					
Skin Protection:		Noopropo or rubbor						
Other Protective Clothing		<ul> <li>Neoprene or rubber.</li> <li>r body covering clothing</li> </ul>		as necessary such as a	apron and appropriate			
footwear to avoid contact wi	th material.			-				
Respiratory Protection: Us with 29 CFR 1910.134. Cart					are to vapor in accordance			
Ventilation: General exhaus	st is usually sufficient	to control vapors and			monitored to prevent			
exposure beyond the recom								
Work Hygiene Practices: C See Section Three for Occ								

9. Physical & Chemical Pro								
		SCOSITY LIQUID		Vapor Density (A		Not applicable.		
Odor:		Negligible odor.		Solubility (water)		Negligible.		
Odor Threshold:		Not applicable.		Auto-Ignition Ten	•	Not applicable.		
pH:		Not applicable.		Decomposition Temp:		Not applicable.		
Boiling Point/Range:		>300C decomposes		Partition Coeff(n-octanol/water):		Not applicable.		
Specific Gravity (H20 = 1):		1.1		Evaporation Rate		Not applicable.		
Vapor Pressure:		Not applicable.		Melting/Freezing	Point:	Not applicable.		
10. Stability & Reactivity Information								
STABILITY: Stable at room to	emperatu	re.						
CONDITIONS TO AVOID (ST		): flames. Due to reaction	with wata	r a hazardaya huild	up of processre could r			
INCOMPATIBILITY (MATER			with wate	, a nazardous build	up of pressure could r	esuit.		
		trong oxidizing agents	and strong	lewis acids or mine	ral acids, alcohols, ba	ases and water.		
HAZARDOUS DECOMPOSI			3					
		Hydrocarbons and HCN	١					
HAZARDOUS POLYMERIZA								
Polymerization may	/ occur at	elevated temperatures	s in the pre	sence of alkalies, te	rtiary amines and met	al compounds		
11. Toxicological Information	<b>N</b> D							
Component Diphonylmothe	no 1 1' di	incovanata CAS# 101	60 0 io o l	ABC close 2 coroir				
Component Diphenylmetha ACUTE TOXICITY:	ne 4,4 -al	isocyanale CAS# 101	-00-0 15 d	ANU LIASS S CAPCIL	logen			
Ingredient	Test		Endpoin	t	Species	Result		
Diphenylmethane 4,4'-		403 Acute		alation Dusts and	Rat - Male,	0.49 mg/l		
disocyanate	Inhala	tion Toxicity	mists		Female			
		402 Acute	LD50 De	rmal	Rabit - Male,	>9400 mg/kg		
		al Toxicity		- 1	Female	× 40000 mm//mm		
		401 Acute Oral	LD50 Or	al	Rat - Male	>10000 mg/kg		
Homopolymer of		403 Acute	LC50 Int	alation Dusts	Rat - Male,	0.49 mg/l		
methylenediphenyl		tion Toxicity	and mists		Female	0.43 mg/i		
disocyanate	minala	don' rokiolog	LD50 Oral		1 officio			
-	OECD	425 Acute Oral			Rat - Female	>5000 mg/kg		
	Toxicit	ty Up and Down-						
	Procee	dure						
Ingredient Diphenylmethane 4,4'-		Test OECD 404 Acute Der	mal Iritatia	n/Corrector	Endpoint Rabbit	Species Skin – irritant		
disocyanate		OECD 404 Acute Del OECD 405 Acute Eye			Eyes	Non-Irritant		
Homopolymer of		OECD 405 Acute Eye			Eyes	Non-irritant		
methylenediphenyl		OECD 404 Acute Der	mal Irritati	on/Corrosion	Rabbit	Skin – Irritant		
disocyanate		OECD 404 Acute Der	rmal Irritati	on/Corrosion	Other	Non-Corrosive		
CONCLUSION/SUMMARY:								
Skin:								
Isocyanates, reaction product		with methylenediphen	yl disocyar		No additional Informa irritating to skin	tion		
Diphenylmethane 4,4'-disocya Homopolymer of methylenedi		socvanate			irritating to skin			
nonoporymer or methylened	prioriyi uk	ooyanate			in tating to skill			
Eyes:								
Isocyanates, reaction product					No additional Informa			
Diphenylmethane 4,4'- Diisoc			the human			ice is considered as irritating to eyes.		
Homopolymer of methylenedi	pnenyl di	socyanate			Irritating to the eyes			
Respiratory								
Isocyanates, reaction product	of polvol	with methylenediphen	vl disocvar	ate	No additional Informa	tion		
Diphenylmethane 4,4'- disocy		·····	,		No additional information			
Homopolymer of methylenedi		socyanate			No additional information	tion		
SENSITIZER:	Tact		Doute of	Exposure	Spacias	Posult		
Ingredient Diphenylmethane 4,4'-	Test	429 Skin	Skin	f Exposure	Species Mouse	Result Sensitizing		
disocyanate		ization:	GRIII		Wouse	Genalizing		
licecyuliuto	Local							
	Node	Assay						
	OECD	406 Skin	Skin		Guinea pig	Non sensitizing		
		ization						
	No offi	icial guidelines	Respirat	ory	Guinea pig	Sensitizing		
Homopolymer of		406 Skin	Skin		Guinea pig	Sensitizing		
methylenediphenyl disocyanate		ization icial guidelines	Respirat	orv	Guinea pig	Sensitizing		
aloooyallato		siai guidellites	respirat		Junica pig	Sonouzing		

Ingredient	Test	Result
Diphenylmethane 4,4'-	Experiment: In vitro	Negative
disocyanate	Subject: Bacteria	
	Metabolic activation: +/-	
	Experiment: In vivo	Negative
	Subject: Mammalian-Animal	
Homopolymer of	Experiment: In vitro	Negative
methylenediphenyl	Subject: Bacteria	
disocyanate	Metabolic activation: +/-	
	Experiment: In vivo	Negative
	Subject: Mammalian-Animal	

Conclusion/Summary:

Diphenylmethane 4,4'-diisocyanate No mutagenic effect.

# CARCINOGENICITY:

Ingredient	Test	Species	Dose	Exposure	Result/Result Type
Diphenylmethane	OECD 453	Rat – Male,	1 mg/m <sup>3</sup>	2 years; 5	Positive - Inhalation
4,4'-	Combined Chronic Toxicity/	Female	-	days per week	- NOAEL
disocyanate	Carcinogenicity Studies				
Homopolymer of	OECD 453	Rat – Male,	1 mg/m <sup>3</sup>	2 years; 5	Positive - Inhalation
methylenediphenyl	Combined Chronic Toxicity/	Female		days per week	- NOAEL
disocyanate	Carcinogenicity Studies				

Conclusion/Summary:

Diphenylmethane 4,4'-diisocyanate - No known significant effects or critical hazards.

# TERATOGENICITY

Ingredient	Test	Species	Result/Result Type
Diphenylmethane 4,4'- disocyanate	OECD 414 Prenatal Developmental Toxicity Study	Rat – Female	Negative – Inhalation
Homopolymer of methylenediphenyl disocyanate	OECD 414 Prenatal Developmental Toxicity Study	Rat – Male, Female	Negative – Inhalation

# Conclusion/Summary:

Diphenylmethane 4,4'-diisocyanate

No known significant effects or critical hazards

# POTENTIAL ACUTE HEALTH EFFECTS:

**Inhalation:** LC50 (rat) : ca. 490 mg/m<sup>3</sup> (4 hours) : using experimentally produced respirable aerosol having aerodynamic diameter <5microns. This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the occupational exposure limit could cause respiratory sensitisation. Symptoms may include irritation to the eyes, nose, throat and lungs, possibly combined with dryness of the throat, tightness of chest and difficulty in breathing. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response to even minimal concentrations of MDI may develop in sensitised persons.

Ingestion: Low oral toxicity. Ingestion may cause irritation of the gastrointestinal tract.

Skin Contact: Irritating to skin. May cause sensitisation by skin contact Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitisers including diisocyanates. These results emphasize the need for protective clothing including gloves to be worn at all times when handling these chemicals or in maintenance work. Eye Contact: Irritating to eyes.

# POTENTIAL CHRONIC HEALTH EFFECTS:

Ingredient	Test	Endpoint	Species	Result
Homopolymer of	OECD 453	Chronic NOEC	Rat – Male, Female	0.2 mg/m <sup>3</sup>
methylenediphenyl	Combined Chronic	Inhalation Dusts and		-
disocyanate	Toxicity/	Mists		
-	Carcinogenicity Studies			
	OECD 413	Sub-chronic NOEC	Rat – Male, Female	<4 mg/m³
	Subchronic	Inhalation Dusts and		-
	Inhalation Toxicity:	mists		
	90-day Study			

General: No known significant effects or critical hazards.

# TARGET ORGANS:

No known significant effects or critical hazards.

# CARCINOGENICITY:

Rats have been exposed for two years to a respirable aerosol of polymeric MDI which resulted in chronic pulmonary irritation at high concentrations. Only at the top level (6 mg/m3), there was a significant incidence of a benign tumour of the lung (adenoma) and one malignant tumour (adenocarcinoma). There were no lung tumours at 1 mg/m3 and no effects at 0.2 mg/m3. Overall, the tumour incidence, both benign and malignant, and the number of animals with the tumours were not different from controls. The increased incidence of lung tumours is associated with prolonged respiratory irritation and the concurrent accumulation of yellow material in the lung, which occurred throughout the study. In the absence of prolonged exposure to high concentrations leading to chronic irritation and lung damage, it is highly unlikely that tumour formation will occur.

# MUTAGENICITY:

There is no substantial evidence of mutagenic potential. No birth defects were seen in two independent animal (rat) studies. Fetotoxicity was observed at doses that were extremely toxic (including lethal) to the mother. Fetotoxicity was not observed at doses that were not maternally toxic. The doses used in these studies were maximal, respirable concentrations, which are well in excess of defined occupational exposure limits

#### TERATOGENICITY DEVELOPMENTAL EFFECTS:

No known significant effects or critical hazards.

FERTILITY EFFECTS:

No known significant effects or critical hazards MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:

None known.

# 12. Ecological Information

# ENVIRONMENTAL EFFECTS:

By comparison with an analogous product, the following values are anticipated. The measured ecotoxicity is that of the hydrolised product, generally under conditions maximizing production of soluble species. Even so, the observed ecotoxicity is low/very low. A pond study showed gross contamination caused no significant toxic effects on a wide variety of flora in all trophic levels (including fish), no detectable diaminodiphenylmethane (MDA), and no evidence of bioaccumulation of MDI or MDA.

Ingredient	Test	Endpoint	Exposure	Species	Result
Diphenylmethane	OECD 202 Daphnia sp.	Acute EC50	25 hours static		
4,4'-	Acute Immobilisation Test				
disocyanate	OECD 203 Fish, Acute	Acute LC50	96 hours static		
	Toxicity Test				
	OECD 211 Daphnia				
	Magna Reproduction Test	Chronic NOEC	21 days semi-static		
Homopolymer of	OECD 201 Alga, Growth	Chronic NOEC	72 hours static		
methylenediphenyl	Inhibition Test				
disocyanate	OECD 201 Alga, Growth	Acute EC50	72 hours static		
	Inhibition Test				
	OECD 209 Activated	Acute EC50	3 hours static		
	Sludge, Respiration				
	Inhibition Test				
	OECD 202 Daphnia sp.	Acute EC50	24 hours static		
	Acute Immobilisation Test OECD 203 Fish, Acute				
	Toxicity Test	Acute LC50	96 hours static		
	OECD 211 Daphnia	Acule LC30	90 Hours static		
	Magna Reproduction Test	Chronic NOEC	21 days semi-static		
Diphenylmethane-	OECD 209 Activated	Acute EC50	3 hours static		
2,4'-	Sludge, Respiration				
diisocyanate	Inhibition Test				
	OECD 202 Daphnia sp.	Acute EC50	24 hours static		
	Acute Immobilisation Test				
	OECD 203 Fish, Acute	Acute LC50	96 hours static		
	Toxicity Test				
	OECD 211 Daphnia	Chronic NOEC	24 hours semi-static		
	Magna Reproduction Test				

#### PERSISTENCE AND DEGRADABILITY:

Ingredient	Test	Period	Result
Diphenylmethane 4,4'-	OECD 302C Inherent	28 days	0%
Diisocyanate OECD 302C Inherent	Biodegradability:		
Biodegradability:	Modified MITI Test (II)		
Modified MITI Test (II) 28 days 0 %			
Homopolymer of	OECD 302C Inherent	28 days	0%
methylenediphenyl disocyanate	Biodegradability:	-	
	Modified MITI Test (II)		
Diphenylmethane-2,4'-	OECD 302C Inherent	28 days	0%
diisocyanate	Biodegradability:	-	
	Modified MITI Test (II)		

Conclusion/Summary: Diphenylmethane 4,4'-diisocyanate - Not biodegradable

Ingredient	Aquatic half life	Photolysis	Biodegradability
Diphenylmethane 4,4' diisocyanate OECD 302C Inherent Biodegradability: Modified MITI Test (II) 28 days 0 %	Fresh water 0.83 days	-	Not readily
Homopolymer of methylenediphenyl disocyanate	Fresh water 0.83 days	-	Not readily
Diphenylmethane-2,4'- diisocyanate	Fresh water 0.83 days	-	Not readily

# BIOACCUMULATIVE POTENTIAL:

Ingredient	LogPow	BCF	Potential
Diphenylmethane 4,4'- diisocyanate OECD 302C Inherent Biodegradability: Modified MITI Test (II) 28 days 0 %	4.51	200-	Low
Homopolymer of methylenediphenyl disocyanate	8.56	-200	Low
Diphenylmethane-2,4'- diisocyanate	4.51	-200	Low

# MOBILITY IN SOIL:

**Mobility:** By considering the production and use of the substance, it is unlikely that significant environmental exposure in the air or water will arise. Immiscible with water, but will react with water to produce inert and non-biodegradable solids. Conversion to soluble products, including diamino- diphenylmethane (MDA), is very low under the optimal laboratory conditions of good dispersion and low concentration. In air, the predominant degradation process is predicted to be a relatively rapid OH radical attack, by calculation and by analogy with related diisocyanates.

#### OTHER ADVERSE EFFECTS:

No known significant effects or critical hazards.

BOD5: Not Determined.

COD: Not Determined.

TOC: Not Determined.

# 13. Disposal Consideration

#### WASTE DISPOSAL METHOD:

Dispose of material according to federal, state, and local regulations.

# 14. Transportation Information

 DOT:
 Not Regulated (single containers less than 5,000 pounds)

 IMO/IMDG:
 Not regulated.

# 15. Regulatory Information

**Component(s)** 4,4'-DIPHENYLMETHANE DIISOCYANATE CAS# 101-68-8 and Modified MD CAS# NOT LISTED: This material is classified as hazardous under OSHA hazard communication standard 29 CFR 1910.1200. HCS Classification: Class – Toxic, Irritating substance, Sensitizing substance. Components are on the TSCA list. Canadian Regulations: This product has been classified in accordance with the hazard criteria of the CPR (controlled Products Regulations) Class D-1A Material Causing immediate and serious toxic effects (very toxic). Class D-2A Material causing other toxic effects (Very Toxic). Class D-2b material causing other toxic effects (Toxic).

# 16. Other Information

# LABEL REQUIREMENTS:

Harmful by inhalation. Irritating to eyes and respiratory system. May cause sensitization by inhalation and skin contact. This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the occupational exposure limit could cause respiratory sensitisation. A hyper-reactive response to even minimal concentrations of diisocyanates may develop in sensitized persons. The onset of the respiratory symptoms may be delayed for several hours after exposure. Reacts slowly with water to produce carbon dioxide which may rupture closed containers. This reaction accelerates at higher temperatures.

# N/A = Not Available

# DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

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