S SCHWAR	ΓZ	GHS	SAFE	TY DAT	A SHEE	T		Date Revised:			
ADVANCED CHEMIST		C5 Mediu	C5 Medium Bodied Clear PVC Cement - 10C5 Sup								
SECTION I - PROD	UCT AND COMPAN	Y IDENTIFICAT	ION								
PRODUCT NAME:	C5 Medium Bodied Cle										
PRODUCT USE:	Low VOC Solvent Cement for PVC Plastic Pipe										
SUPPLIER:	IPS Corporation 777 McKay Road,										
	Pickering, Ontario L1W 3A3										
EMERGENCY: Transporta	Phone: 800 888-8312 tion: CHEMTEL Tel. 800-2	255-3924, +1 813-248	3-0585 (Inter	rnational)	Medical: CH	EMTEL Tel. 8	00-255-3924, +	1 813-248-05	85 (International)	)	
SECTION 2 - HAZA				,					,	,	
GHS CLASSIFICATION: C GHS CLASSIFICATION:	lassified according to C	anada's Hazardous I	Products R	egulations (V	/HMIS 2015).					]	
	ealth	A suite Teurisitu	Environ			Flammable L		sical	Cata and 10		
Acute (Dermal) Toxicity:	Category 4 Category 4	Acute Toxicity: Chronic Toxicity:		None Known None Known		Fiammable L	iquia		Category 2		
Acute (Inhalation) Toxicity: Skin Irritation:	Category 4 Category 2										
Serious Eye Damage	Category 1										
Carcinogenicity Specific Target Organ	Category 2 Category 3										
GHS LABEL:	$\wedge \wedge /$	Sig	gnal Word:			WHIMIS CLASS	SIFICATION:	Class B, Div	ision 2		
	<u>م</u>		Danger								
	Hazard Statements					Precaution	ary Statement	<u>s</u>			
H225: Highly flammable liquid an H302: Harmful if swallowed	nd vapor			P201: Obtain sp P202: Do not ba			ave been read and	understood			
H315: Causes skin irritation		P210: Keep away				rks/open flames/	hot surfaces - No				
H319: Causes serious eye irritati H332: Harmful if inhaled	ion	P233: Keep container tightly closed. P240: Ground/bond container and receivir					oment.				
H335: May cause respiratory irri H336: May cause drowsiness or			P240: Use explosion-proof equipment. P241: Use explosion-proof equipment. P242 + P243: Use only non-sparking tools. Take precautionary measures against static discl						tatic discharge		
H336: May cause drowsiness or H351: Suspected of causing can		P261: Avoid breathing dust/fume/gas/mist/vapors/spray						naaro uraon lange.			
				P403: Store in a P501: Dispose			oved waste dispos	al plant.			
Physical Hazards Not Oth											
May form explosive perox SECTION 3 - COM		ATION ON INGE	REDIENT	S							
			EINECS #	RE/ Pre-registratio			CONCENTRATIO	N			
Tetrahydrofuran (THF)			203-726-8	05-21162977	29-22-0000		40 - 50	-			
Methyl Ethyl Ketone (MEK) Cyclohexanone			201-159-0 203-631-1	05-2116297 05-21162977			20 - 30 5 - 15				
All of the constituents of thi * Indicates this chemical is											
# indicates that this chemic	al is found on Proposition								11(372).		
SECTION 4 - FIRS Contact with eyes:	T AID MEASURES Flush eyes immediately	with plenty of water fo	r 15 minute	s and seek me	dical advice i	mmediately					
Skin contact:	Remove contaminated c	lothing and shoes. W	/ash skin tho	broughly with s	oap and wate	er. If irritation of					
Inhalation: Ingestion:	Remove to fresh air. If b Rinse mouth with water.										
Likely Routes of Exposur Acute symptoms and effe		Eye and Skin Contac	t								
Inhalation:	Severe overexposure ma										
Eye Contact: Skin Contact:	Vapors slightly uncomfor Liquid contact may remo								ct with the liquid.		
Ingestion: Chronic (long-term) effec	May cause nausea, vom	iting, diarrhea and me 2 Carcinogen	ental sluggis	hness.							
Health Hazards Not Other Aspiration Hazard:		aterial may cause def									
SECTION 5 - FIREI			nowed of vo	mileu. Can ca	use lung dan	lage il aspirate	eu baseu on nui	nan expener	ice.		
Suitable Extinguishing Unsuitable Extinguishir		oxide, dry chemical po	owder or app	propriate foam		Health	HMIS	NFPA 2	0-Minimal 1-Slight		
Exposure Hazards:	Inhalation	ay or stream. and dermal contact				Flammability	3	3	2-Moderate		
Combustion Products:	Oxides of o	carbon and smoke				Reactivity PPE	0 B	0	3-Serious 4-Severe		
Unusual Fire and Explos		nmable liquid and vap nited by static discharg								iner.	
Protection for Firefighte	May accur	nulate in hazardous a	mounts in lo	ow-lying areas	especially ins	side confined s	paces, resulting	g in a fire haz	ard.		
Protection for Firefighters: Evacuate area. Fight fire from a safe distance or a protected location. For a massive fire, immediately evacuate the area and use unmanned hose holder or monitor nozzles. Before entry, especially into confined areas, use an appropriate monitor to check for: flammable or explosive atmosphere. Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be nec											
SECTION 6 - ACCI		· · ·	nere. Chemi	icai protective	ciouring (e.g.	chemical spla	si suit) and pos	suve pressure	в осъя may be r	ecessary.	
Personal Precautions:	Keep away	/ from heat, sparks ar			ventilation or	uipment or wo	ar suitable ross	iratory protoc	tive equipment		
Forder 1997	Prevent co	Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).									
Environmental Precaution Methods for Cleaning up	contain sp	Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course. Contain spill using noncombustible material such as vermiculite, earth or sand. Place used absorbent into suitable,									
Materials not to be used		covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product. up: Aluminum or plastic containers. Do not use absorbents.									
SECTION 7 - HAND			l ada si si		a atalia di di	al and the second		und P		a stal	
Use non-spar	om heat, hot surfaces, spa rking tools. Wash hands th	oroughly after handlin	ng this mate	rial. No smoki	ng.	0		·	ist contact bare m	netal.	
Only use whe	ng in this product. Do not g are there is adequate ventil	ation. Avoid generatir	ng vapours c	or mists.				-			
Storage: Keep storage	area separate from popul ce of ignition. Ventilation fa	lated work areas. Stor	re in a cool,	dry, well venti		t of direct sun	light and away f	rom incompa	tible materials		
	ecautionary information on	container label, produ	uct bulletins	and solvent c	ementing liter		os. Do not cut n	upcture or w	old near this cont	ainor	
Follow label	warning until container is t	horoughly cleaned or	destroyed.								
SECTION 8 - PREC	1			T		ON OSHA		CAL/OSHA	[		
EXPOSURE LIMITS:	Component		CGIH STEL	OSHA PEL	OSHA STEL	PEL-Ceiling	CAL/OSHA PEL	Ceiling	CAL/OSHA STEL	-	
	Tetrahydrofuran (THF) Cyclohexanone	20 ppm	100 ppm 50 ppm	200 ppm 50 ppm	N/E N/E	N/E N/E	200 ppm 25 ppm	N/E N/E	250 ppm N/E		
Engineering Controls:	Methyl Ethyl Ketone (ME Use local exhaust ventila		300 ppm	200 ppm	N/E	N/E	200 ppm	N/E	300 ppm	]	
Lingingering ControlS:	explosion-proof equipme	ent and intrinsically sat	fe electrical	systems in are	as where this	s product is us	ed and stored. (	Control static		rges	
Monitoring:	which includes bonding of Maintain breathing zone				n work area, i	r contact or sp	ash hazard exi	SIS.			
Personal Protective Equ Eye Protection:	ipment (PPE):						e) with brow au				
_jooicouoli.	Avoid contact with ever	wear splash-proof ch-		lies, face enior	d. satety dise	Ses (snectació		ards and side	shields		
Ckin Dtti-	Avoid contact with eyes, etc. as may be appropria Provent contact with the	te for the exposure.						ards and side	e shields,		
Skin Protection:	etc. as may be appropria Prevent contact with the Use of solvent-resistant	ite for the exposure. skin as much as poss gloves or solvent-resis	sible. Butyl ru stant barrier	ubber gloves s cream should	hould be use	d for frequent	immersion.				
Skin Protection: Respiratory Protection:	etc. as may be appropria Prevent contact with the	tte for the exposure. skin as much as poss gloves or solvent-resis s are used for making solvents. Use in a we	sible. Butyl ru stant barrier g structural b ell-ventilated	ubber gloves s cream should bonds. I room. Open	hould be use provide adeq doors and/or	d for frequent juate protectio windows to er	immersion. n when normal	adhesive app d air changes	blication 5. Use local		

S SCHWART	z		G	HS SAFE	ETY DAT	A SHE	ET			
Advanced chemistry solutions			C5 Medium Bodied Clear PVC Cement - 10C5					Date Revised: Supersedes:	JUL 2018 MAR 2018	
SECTION 9 - PHYS	ICAL AND	CHEMICA		RTIES						
Appearance:         Clear           Odour:         Ketone           pH:         Not Applicat           Melting/Freezing Point:         -108.5°C (-1           Boiling Point:         66°C (151 °F           Flash Point:         -14°C (-6.6°)           Specific Gravity:         0.916 0@23           Solubility:         Solvent porti           Partition Coefficient n-octanol/water:         321°C (610°           Decomposition Temperature:         321°C (610°			ole 63.3°F) Based on first melting compone 9 Based on first boiling component: THF F) TCC based on THF 7°C (73°F) for soluble in water. Resin portion separ Not Available F) based on THF			out.	Physical State: Odor Threshold: Percent Volatile by Volume Boiling Range: Evaporation Rate: Flammability: Flammability: Vapor Pressure: Vapor Density: Other Data: Viscosity: A,VOC content is: <510 g/l.	Liquid 0.88 ppm (Cyclohexanone) 19: 86% 66°C (151°F) to 156°C (313°F) > 1.0 (BUAC = 1) Category 2 LEL: 1.1% based on Cyclohexanone UEL: 11.8% based on THF 129 mm Hg @ 20°C (68°F) based on THF >2 (Air = 1) Heavy bodied		
SECTION 10 - STA Chemical Stability:	BILITY AN	D REACTIN	VITY Normally stat	blo						
Reactivity Hazardous decompos Conditions to avoid: Incompatible Material SECTION 11 - TOX	s:		Not reactive u None in norm High tempera Oxidizing age	under normal co nal use. When f	forced to burn, mes, sparks, s	this product g	gives off oxides of carbon and e, heat and other ignition sou			
Toxicity:				.D50			LC50	Targe	et Organs	1
Tetrahydrofuran (THF) Methyl Ethyl Ketone (MEK Cyclohexanone	etrahydrofuran (THF) Oral: 2842 r Methyl Ethyl Ketone (MEK) Oral: 2737 r					Inhalation 8	hrs. 21,000 mg/m <sup>3</sup> (rat) hrs. 23,500 mg/m <sup>3</sup> (rat) hrs. 8,000 PPM (rat)	ST	OT SE3 OT SE3	
Reproductive Effects Not Established		atogenicity <u>Mutagenicity</u> Established Not Established				ablished	Sensitization to Product Not Established		stic Products stablished	
SECTION 12 - ECO	LOGICAL	INFORMAT	TION							
Ecotoxicity: Acute Aquatic Toxicity	LC50 Fish EC50 Crustacea Pimephales promelas Daphnia magna (fathead minnow); 96-hour (water flea): 48-hour		ia magna	ErC50 Algae Desmodesmus subspicatus (algae); 72-hour; static						
Tetrahydrofuran Cyclohexanone	2160 > 100	60 mg/L No Data Avaialble 00 mg/L > 100 mg/L			No Data Avaialble > 100 mg/L					
Mobility in Soil: Degradability: Bioaccumulation:	Does not deg This product	rade rapidly ba and its degrad	ased on quant ation products	uct can move ra itative tests. (Te are not known	trahydrofuran)					
SECTION 13 - WAS Dispose of contents and con			-	-	reational rage	lationa				
SECTION 14 - TRAN			-		emational regu	Iduoris				
Proper Shipping Name:		Adhesives								
Hazard Class: Secondary Risk: Identification Number: Packing Group:	UN 1133			EXCEPTION for Ground Shipping DOT Limited Quantity: Up to 5L per inner packaging, 30 kg gross weigh Consumer Commodity: Depending on packaging, these quantities may						-D" .
Label Required: Marine Pollutant: WHIMIS Class	PG II Class 3 Flammable Liquid NO B2 D2B			TDG INFORMATION           TDG CLASS:         FLAMMABLE LIQUID 3           SHIPPING NAME:         ADHESIVES           UN NUMBER/PACKING GROUP:         UN 1133, PG II						
SECTION 15 - REG										
Precautionary Label I Symbols: Risk Phrases:	Information: Highly Flammable, Irritant, Carc. Cat. 2 F, Xi R11: Highly flammable. R20: Harmful by inhalation.				Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS) R66: Repeated exposure may cause skin dryness or cracking					
Safety Phrases:	S16: Keep away from sources of ignition - No smoking.				R67: Vapors may cause drowsiness and dizziness S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33: Take precautionary measures against static discharges. S46: If swallowed, seek medical advise immediately and show this container or label.					
Compliance Statement:	<ul> <li>S25: Avoid contact with eyes. S46:</li> <li>This SDS was prepared to be in accordance with: US OSHA Hazard Communication Standard 29 CFR 1910.12 Canadian Workplace Hazardous Materials Information Syste</li> </ul>					Domestic Substances List / Non-Domestic Substances List 10.1200 (Rev 2012) (DSL) / (NDSL)				
SECTION 16 - OTH	ER INFOR	MATION								
Specification Informa Department issuing o E-mail address:	tion:		tncustserv@i				All ingredients are compliant Directive on RoHS (Restriction			European
Training necessary: Reissue date / reasor Intended Use of Prod			7/17/2018 / U	in practices and Jpdated GHS St ent for PVC Pla	andard Forma		oduct literature.			

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.