MSDS No.: FP-2
Date: 06/01/1989
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MATERIAL SAFETY DATA SHEET

SECTION I	GENERAL INFORMATION					
A.	Material Name: ABS Plastic Fittings / Valves / Pipe					
	Other Names: Sty	rene Copolymer	Chemical Family: Grafted Copolymer			
В.	Manufacturer:	NIBCO INC. 1516 Middlebury St. P.O. Box 1167 Elkhart, IN 46516	Telephone: 219-295-3000 For chemical emergency - spill, leak, fire exposure or accident, call: CHEMTEL 1-800-255-3924 day or night			
SECTION II	r	Composition / Inform	action on Inqualiants			

SECTION II			Compo	sition	/ Inf	orı	mation on Ing	rediei	ıts			
Ingredie	CAS#	Weight %			ACGIH TLV			OSHA PEL				
Acrylonitrile / Butadiene/												
Styrene Resin (ABS)	Resin)	9003-56-9	90	- 100		none established	l		none established	none established	
Mineral Oil			8042-47-5		- 2		none established			none established		
Tallow			8030-12-4) -2		none established				none established	
Wax			110-30-5	0	- 2		none established	1		none established		
			KNOWN HAZ	ZARI	S UI	ND	ER 29 CFR 19	910.12	200			
	Yes	No		Yes	No			Yes	No		Yes	No
Combustible Liquid		X	Skin Hazard		X	O	xidizer		х	Reproductive Toxin		X
Flammable Material		Х	Eye Hazard		Х	Oı	ganic Peroxide		Х	Blood Toxin		х
Pyrophoric Material		X	Toxic Agent		Х		orrosive Material		х	Nervous Sys. Toxin		Х
Explosive Material		X	Highly Toxic Agent		Х	Co	ompressed Gas		х	Lung Toxin		Х
Unstable Material		X	Sensitizer		Х		ritant		х	Liver Toxin		Х
Water Reactive Mat. X Carcinogen		Carcinogen		X					Kidney Toxin		Х	
Comments: <1%	pigm	ent ad	ded to base ABS mat	erial fo	r colo	r; n	ot reportable unde	r 1910.	1200			
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SECTION II Composition / Information on Ingredients (CONTINUED)							
SHIPPING INFORMATION	SPECIAL HAZARD DESIGNATIONS						
DOT HAZARD CLASS: N/A		HMIS	NFPA	HAZARD RATING			
DOT SHIPPING NAME: N/A	HEALTH:	0	0	0 - MINIMAL			
	FLAMMABILITY:	0	0	1 - SLIGHT			
	REACTIVITY:	0	0	2 - MODERATE			
	PROTECTIVE EQUIPMENT:	-	-	3 - SERIOUS			
SHIPPING I.D. NUMBER: N/A				4 - SEVERE			

SECTION III	PHYSICA	AL DATA
Melting Point: N/A, so	ftening @ 194 °F	Vapor Pressure (mm Hg): N/A
Boiling Point: N/A		Vapor Density (AIR=1): N/A
Specific Gravity (H ₂ O=	=1):_1.05	Solubility in Water: Insoluble
Appearance and Odor	Color: Opaque, Black,	Off White or Green; odorless solid
SECTION IV	FIRE AND EXPLOS	ION HAZARD DATA
Flash Point (method us	ed): 730 - 752 °F	
LEL: N/A	UF	CL: N/A
Extinguishing Media: \(\frac{1}{2} \)	Water spray, ABC dry c	hemical, foam, carbon dioxide
Special Fire fighting Pr		s should be equipped for protection against high heat, f oxygen, heavy smoke and molten plastic.
butadiene, styrene, hydro	ocarbon fragments, hydr	burning conditions, ABS will release acrylonitrile, rogen cyanide, carbon monoxide and carbon dioxide. In other natural and synthetic products must be

SECTION V	REACTIVITY DATA								
A.	Stability								
	Conditions to	Conditions to Avoid: N/A							
В.	Hazardous Po	olymerization:	☐ May Occur	☑ Will Not Occur					
	Conditions to Avoid: N/A								
C.	Incompatible	Materials: None k	nown						
D.	Hazardous Decomposition Products : Hydrogen cyanide, carbon monoxide, carbon dioxide and small amounts of acrylonitrile, butadiene, and styrene								

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SECTION VI	ſ		HEALTH HAZ	ZARD DATA	
Route(s)	of Entry:	⊠ Inl	halation	☐ Ingestion	□ Skin
Health H		s received of	do not present an	n inhalation, skin cor ng of the fittings.	ntact or eye contact hazard. Listed
A.	Metals:				
B.	Other Consti	ituents:			
	with a potent	tial to cause	e irritation of the	mucous membranes	ould be considered as a nuisance dust s of the respiratory tract by t produce skin irritation.
C.	Carcinogenic		□NTP	□IARC	□ OSHA
	None of the co	onstituents	show carcinoge	nicity.	
D.	Emergency F	First Aid:			
	Not applicable	e to finishe	ed fittings.		

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SECTION VI	I SPILL OR LEAK PROCEDURES
A.	Special Handling or Storage: Store fittings away from weather and heat.
B.	Spill or Leak Containment : For spills of broken fittings, sweep from floor for stable footing and to prevent slips by personnel.
C.	Waste Disposal: Dispose of waste in a licensed landfill or incinerate in accordance with federal, state and local regulations.
D.	Other Precautions: None.

SECTION V	III SPEC	CIAL PRO	FECTION IN	FORMATION				
A.	NIOSH approved for organic vapor when Respiratory Protection (specify type) : solvent welding in poorly ventilated areas.							
B.	Ventilation:	□ Local E	xhaust	☐ Mechanical (General)				
	Other (specify): N/A	4						
C.	Eye Protection:	⊠ Yes	□ No	glasses or goggles Type: when solvent welding				
D.	Protective Gloves:	ĭ Yes	□ No	Srubber or PVA coated Type: when solvent welding				
E.	Other Protective Eq	uipment or	· Clothing:	□ Yes ⊠ No				
	Type: N/A							
F.	Special Precautions	or Work P	ractices: N/A					

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