MATERIAL SAFET / DATA SHEET

IMPORTANT: BEFORE OPENING ANY WHITTAKER PACKAGE, READ WARNING LABELS AND FOLLOW ALL PRECAUTIONS.

Section I

vton Division ittaker Corporation S. Electric Street

CITY, S. TE, AND ZIP CODE West Alexandria, OH 45381

(513) 839-4612 Same

9 416 & 416-D

sive

MANUFACTURER'S CODE IDENTIFICATION

DOT CLASS: Adhesives - Flammable Liquid

UN#1133

Section II — HAZARDOUS INGREDIENTS

8	416 416-1 PERCENT		ACGIH TLV		OSHA PEL		STEL	CAS Number
	BY V	VT.	PPM	Mg/M³	PPM	Mg/M³		
one	~35	39	200		200		300 PPM	78-93-3
propylene ther Acetates	×22	39	NE		NE		NE	108-65-6 34590-94-8
	~ 6	3	100		100		150 PPM	1330-20-7
	7	5	50 csi	ling	100			71-36-3
10	< 1	Tra	ce 5		5			108-95-2
	~ 4	2	1000		1000			64-17-5
7				-				

Section III — PHYSICAL DATA

O°F.

VAPOR DENSITY

X HEAVIER

LIGHTER THAN AIR

FASTER

PERCENT VOLATILE 76 (416) WEIGHT PER ~7.9 lbs. (416) ~ 87 (416-D)GALLON BY WEIGHT

Section IV — FIRE AND EXPLOSION HAZARD DATA

N Flammable Liquid

FLASH POINT

√ 50 °F CLOSED CUP

1:.0 LEL

rbon dioxide, dry chemical or foam extinguishers.

HAZARDS - Considered fire hazard due to flash point, high volatility and potential heavy vapors.

EDURES - Closed or confined areas require self-contained breathing apparatus.

BLISHED

NA = NOT APPLICABLE

MSDS RELATE ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DO NOT COMBINATION WITH ANY OTHER MATERIAL OR ANY PROCESS.

	Section V —	REACTIVITY	DATA
ITY UNSTABLE A STABLE		CONDTIONS TO AVOID	None known except pr may gel product rende
PATABILITY (Materials to avoid) Unknowing Dous Decomposition or by Products			ulletin.
RIDOUS POLYMERIZATION	R X WILL NOT OCCU	JR.	
S	ection VI — H	EALTH HAZA	RD DATA
E:S) OF ENTRY INHALATION S AND SYMPTOMS OF EXPOSURE - Warn nausea, nose, throat,	ing! Harmful		ingestion? Possibl ay cause dizzines
th HAZARDS (Acute and Chromo). Xylen damage as well as reve Ketone may cause perip extremities. Phenol m system and the genitou above.	rsible damage heral neuropat ay cause damag	to the blood sy hy with possible to the G.I.	ystem of animals. le tingling or nu system, respirato
INOGENICITY - Product or cons	tituents not b	elieved to be l	human carcinogens
cal conditions generally aggravated aș well as organs name		ents may aggra	vate pre-existing
RGENCY AND FIRST AID PROCEDURES - For sthoroughly If unconscious, remove			_
Section VII - F	PRECAUTION	S FOR SAFE	HANDLING AND
S TO BE TAKEN IN CASE MATERIAL IS REL pribent materials. Use approved wa		iminate all ignition s	sources. Absorb with v
TE DISPOSAL METHOD - Incinerate eithe		ammable waste indi	cated by physical state
AUTIONS TO BE TAKEN IN HANDLING AND id skin contact. Do not take interna	/ D	heat, sparks and	open flame. Avoid pro
e than a few inches when pouring.		id static charge wh	nich could ignite solve
	Section VIII - (CONTROL ME	ASURES
PIRATORY PROTECTION - Use approved	NIOSH/OSHA resp	irators e.g. self-cont	ained breathing or can
ILATION - LOCAL EXHAUST - Required to MECHANICAL (General) - As requ			PECIAL - None OTHER - None
rective gloves - Use type not affecte	d by this product. E	YE PROTECTION - Safety	glasses, face shield o
ER PROTECTIVE CLOTHING OR EQUIPMENT -	Not usually require	d.	

к нудієліс PRACTICES - Refrain from eating or smoking in area of use.

VULCANIZABLE BONDING AGENT TECHNICAL SHEET

coat adhesive for bonding castable urethane compounds to metal and substrates. THIXON® 416 coated parts require no extensive prebaking to molding.

lvents, abrasion, corrosion.

applied by brushing, dipping or spraying.

applied to clean surfaces, preferably to gritblasted (#40 or #50 and solvent degreased substrates. After applying, dry for 20 to 30 at room temperature.

aying, dilute to a viscosity of 16 to 18 seconds with a #2 Zahn ing the diluent blend below. Should be thoroughly agitated with speed propeller type agitator while diluent blend is being added.

y 416 may be used with little or no prebaking. THIXON® coated may be preheated up to 212°F. to facilitate processing and avoid shock. Prebaking for extended periods at 212°F. is not recommended. ke tolerance study for the polymer selected should be conducted to maximum tolerance since this varies considerably with various polye polymers. Dry film thickness should be .5 to 1.0 mil.

m stability is excellent. Coated parts can be stored, but must be ee of contamination.

ferred diluent is THIXON® 917 or the following diluent blend:

wanol BC-300 Glycol Ether Acetate or equivalent



Prolonged breathing of vapors is harmful. Use only with adequate ventilation. Repeated contact may cause skin irritation. This material is harmful or fatal if swallowed. If swallowed, do not induce vomiting, but contact physician immediately.

Usual fire safety measures should be observed. Keep away from heat, sparks and open flame.

Specification Writers: Data is typical and is not to be used for specifications.



