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MATERIAL SAFETY DATA SHEET

Topas H.E.A.T. - Wire

Product Name		Topas H.E.A.T Wire (Made in Germany) Part No - XX				- XX (s	(size) -XXX (Weight)						
				SECTION '	1 : PR	ODU	CT INFORMAT	ION					
WHMIS CLAS	SIFICATION		NOT CLASSIFIED				EMERGENCY NUMBER						
METALLIC FAMILY			MODIFIED CDA			DA 2	240 ISO/DIN CuZn 20 UNS: C 24000, Low Brass						
T.D.G. CLASS	SIFICATION						MATERIAL	USAGE	Elec	trical Dis	scharge Machining		
	NFPA CL	ASSIFICA	TION						HAZARD	RATING	3		
HEALTH	N/A	F	IRE	N/A			LEAST	= 0			SLIGHT = 1		
REACTIVITY	N/A	(5	SEE TABLE	E AT RIGHT)			MODERATE = 2 HIG		HIGH	H = 3	EXTREME = 4		
					: HAZ	ARD	OUS INGREDI						
INGREDIENTS APPROX CONC. % EXPO				OSURE LIMITS									
Cu	Cu 78		8 % Nominal Variance				Fume max 0.2 mg/m3 Dust / Mist max 5.0mg/m3						
Zn		22 % No	ominal Va	riance	Oxide Fume max 0.2 mg/m3								
	Residiues of cooling lubricants		< 0.1 %vol			1000 mg/m3 (for lubricant concentrate) Remark: With correct use of wire exposure is uncritical.							
	•												
						: PH	YSICAL DATA		1				
PHYSICAL STA	TE	Soli	d Wire 0.	10 to 0.33 r	mm		EVAPORATIO	N RATE	TE N/A		N/A		
ODOR / APPEA	RANCE		grey	/-gold			BOILING PT I	N RATE N/.		1,100 C			
ODOR THRESHOLD			N/A				MELTING PT EC (EF)			910			
VAPOR PRESS	URE			< 1.10-4 m C = 1.2 - 10-		-	рН				N/A		
VAPOR DENSIT	Y (AIR = 1)		N	I/A			SPECIFIC GR	AVITY			8.4 (H ₂ O = 1)		
% VOLATILE, B	,		N	N/A			SOLUBILITY IN WATER		1	Negligible (<<0.1%)			
									•				
				SECTION	4 : FIF	RE &	EXPLOSIVE D	ATA					
FLASH POINT EC (EF) METHOD			NONE				UPPER EXPLOSION LIMIT			N/A			
AUTO IGNITION TEMPERATURE			N/A				LOWER EXPLOSION LIMIT			N/A			
GENERAL HAZARDS			N/A				FIRE FIGHT	E FIGHTING		N/A			
HAZARDOUS C PRODUCTS	OMBUSTION	I	N/A				EXTINGUIS	SHING MEDIA		N/A			

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SECTION 5 : REACTIVITY DATA										
STABILITY			STABLE							
INCOMPATIBLE MATERIALS & CONDITION TO AVOID	NS NONE		HAZARDOUS DECOMPOSITION	WILL NOT OCCUR						
	SECTION 6 : TO	(ICOLO	GY PROPERTIES							
INHALATION		N/A								
EYE CONTACT		N/A								
SKIN CONTACT		N/A								
INGESTION	N/A		OCCUPATIONAL EXPOSURE LIMITS	N/A						
ACUTE TOXICITY DATA		N/A								
SECTION 7 : PREVENTATIVE & CORRECTIVE MEASURES										
ļ	SECTION / . FILLULATA	IVEG	RESPIRATORY							
GLOVES & FOOTWEAR	N/A		(SPECIFY)	N/A						
EYE (SPECIFY)	N/A		CLOTHING (SPECIFY)	N/A						
ENGINEERING CONTROL PROCESS SPECIFY)	LS (E.G. VENTILATION, ENCLOSED		N/A							
LEAK AND SPILL PROCE	EDURES		N/A							
WASTE DISPOSAL			100 % RECYCLABLE							
HANDLING PROCEDURES	S AND EQUIPMENT		Store on edges (not on ends!) to prevent wire from damage							
STORAGE EQUIPMENT			Store in dry area, to prevent oxidation occurring to wire, from exposure to unnecessary moisture or other liquids, prior to usage.							
<u> </u>	SECTION 8 : F	IRST A	AID MEASURES							
SKIN	N/A		EYE:	N/A						
INHALATION	N/A		INGESTION	N/A						
SECTION 9 : PREPARATION DATA OF M.S.D.S.										
DATE	November 12, 2009		PREPARED BY:	QUALITY DEPT.						
			Dr. T. Nöthe	Berkenhoff GmbH						
other product or material or	on contained herein relates only to this p r in any process. If the product is not to on cannot be relied upon as complete or a	be use	d for a purpose or under cond	ditions which are normal or reasonably						

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