

USHA MARTIN LIMITED Wire & Wire Rope Division - North HOSHIARPUR		Environmental Management System Material Safety Data Sheet (MSDS)		
Product Name: HCSW (NEEDLE WIRE) & HTSW (HT Wire)		Revision No. 0		
Date : 20.11.2013		Page No. 1 of 5		
SECTION 1: MATERIAL IDENTIFICATION AND USE				
Material of manufacturing : HCSW (Needle Wire) & HTSW (HT Wire)				
Packing material : Oil / Polythene / Jute and Steel binding wire				
Name / Identifier : Mr. S.K.Singh (Sr. GM Works) Telephone No. : 01882 393204				
Manufacturer's Name Usha Martin Limited	Supplier's Name: Usha Martin Limited			
Street Address :- Village Chohal Dharmshala Road Hoshiarpur	Street Address :- Village Chohal Dharmshala Road Hoshiarpur			
City : Hoshiarpur	State : Punjab Country : India	City : Hoshiarpur State : Punjab Country : India		
Postal Code : 146024	Emergency Telephone No. 01882-393200-01	Postal Code : 146024 Emergency Telephone No. 01882-393200-201		
Chemical Name : NA Trade Name & Synonyms : NA		Chemical Identity : NA Product Use : NA		
SECTION II : HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous	Approximate Concentration	C.A.S or UN Number	L.D. 50 (Specify Species and Route)	L.C. 60 (Specify Species and Route)
NIL	NIL	NIL	NIL	NIL

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SECTION III : PHYSICAL DATA FOR MATERIAL					
Physical State : -Gas-Liquid-Solid- Solid Wire	Odour and Appearance Blakish in Bright Drawn		Odour Threshold (ppm.) : NA	Specific Gravity NA	
Vapour Pressure (mm) NA	Vapour Density (Air-l) NA	Evaporation Rate NA	Boiling Point (C) NA	Freezing Point (C) NA	
Solubility in water (20C) NA	PH NA		Density (g/ml) NA	Co-efficient of water / Oil Distribution NA	
SECTION IV : FIRE AND EXPLOSING HAZARD OF MATERIAL					
Flammability - Yes - No. If yes, under what conditions Main Product : NO Packing material : YES - OIL/Polythene / Jute when in contact with fire.					
Means of Extinction : Water or dry sand					
Special Procedures : NA					
Flash Point (C) and Method : NA		Upper Explosive Limit (% by Volume) : NA		Lower Explosive Limit (% by Volume) : NA	
Auto-ignition Temperature (C) : NA		TDG Flammability : NA		Hazardous Combustion Products : NA	
Explosion Data - Sensitivity to Chemical Impact : NA			Sensitivity to Static Discharge : NA		

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SECTION V : REACTIVITY DATA		
Chemical Stability : Yes - No, If Yes than in what Condition : No		
Incompanibility with other substances : -Yes - No. If yes, which ones : No		
Reactivity and under what conditions : Reacts with Acid		
Hazardous Decomposition Products : No decomposition if used		
Material Name / Identifier : NA		
SECTION VI : TOXICOLOGICAL PROPERTIES OF MATERIAL.		
Route of entry Skin Contact : No Inhalation Acute : No	Skin Absorption : No Inhalation Chronic : No	Eye - Contact : No Ingestion : No
Effects of Acute Exposure to Material		
Exposure Limit : NA		Irritancy of Material : NA
Sensation to Material : NA	Carcinogenicity, Reproductive Effects Teratogenicity Mutagenicity : NA	

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SECTION VII : PREVENTIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT		
Gloves (Specify) : Use Hand Gloves	Respiratory (Specify) : No	Eyes (Specify) : Use safety Goggles
Footwear (Specify) : Use safety shoes	Clothing (Specify) : Normal	Other (Specify) : Use safety helmet
Engineering Controls (e.g. Ventilation, enclosed process, etc.) please specify : Protect the product from rain / heat / moisture to avoid rusting / peeling.		
Leak and Spill Procedures : NA		
Waste Disposal : Product is recyclable is recyclable except packing material. Polythene, which needs due care during disposal.		
Handling Procedures and Equipment : Use Forklifts or appropriate slings / hooks if using overhead cranes. Use PPE while unloading / loading and unpacking.		
Storage Requirements : Product : No Special requirements. Store away from heat / rain / moisture. Stack height should not be more than one tier. (base + 1 max.) Packing Material : Keep away from Fire or spark.		
Special Shipping Information : TREM card not applicable		

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<h2>SECTION VIII : FIRST AID MEASURES</h2>		
First Aid Measures : In case of injury during handling consult Physician for treatment. No particular hazard is known when normal precautions are taken.		
Additional Information : These data are based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship for products, which are not subject to classification according to Indian Standards included in this Data. This sheet is made on a voluntary basis.		
SECTION IX : DATE OF PREPARATION OF MATERIAL SAFETY DATA SHEET.		
Prepared By : A.K. Sharma	Approved By : S.K Chadha	Date : 20.11.2013