

MATERIAL SAFETY DATA SHEET

METAL PRODUCTS

TIANJIN DINGTAIYUAN SCIENCE AND TECHNOLOGY CO.,LTD ARE FINISHED PRODUCTS ARTICLES MANUFACTURED FROM STEEL.VENDOR STEEL MILL SUPPLIED THE BELOW INFORMATION.SECTION

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:STEEL FENCE POSTS

MANUFACTURER NAME:TIANJIN DINGTAIYUAN SCIENCE AND TECHNOLOGY CO.,LTD

TRADE MARK: TIANJIN DINGTAIYUAN SCIENCE AND TECHNOLOGY CO.,LTD

ADDRESS:NO.23 TIANYUAN ROAD,WANG WENZHUANG TOWN,XIQING DISTRICT,TIANJIN CHINA.

CHEMICAL NAME:HOD DIPPED GALVANIZED

PHONE NUMBER:0086-22-83999227

PRODUCT USE:FENCE CONNECTION

2. COMPOSITION ON REGULATED INGREDIENTS

BASE METAL	CAS NO.	PERCENTAGE BY WT.	OSHA PEL1	ACGIH TLV2
IRON	7439-89-6	95-99.9	10 MG/M3-IRON OXIDE FUME	5MG/M3-IRON OXIDE DUST AND FUME
ALUMINUM	7429-90-5	0.01-0.5	15 MG/M3-TOTAL DUST 5MG/M3-RESPIRABLE FRACTION	10 MG/M3-TOTAL DUST 5MG/M3-WELDING FUME

NOTES:ALL STEEL PRODUCTS CONTAIN SMALL AMOUNTS VARIOUS ELEMENTS IN ADDITION TO THOSE LISTED,AND THEY ARE REFERRED TO AS TRACE ELEMENTS.THESE TRACE ELEMENTS ARE IN THE STEEL NATURALLY.TYPICAL AMOUNTS ARE AS FOLLOWS:

PHOSPHOROUS	<= 0.1 MAX,TYPEICALLY 0.01%	SULFUR	<=0.04 MAX,TYPICALLY 0.007%
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1 OSHA PERMISSIBLE EXPOSURE LIMITS(PELS) ARE 8 HOUR TWA(TIME-WEIGHTED AVERAGE) CONCENTRATIONS UNLESS OTHERWISE NOTED.A("C")DESIGNATION DENOTES A CEILING LIMIT, WHICH SHOULD NOT BE EXCEEDED DURING ANY PART OF THE WORKING EXPOSURE UNLESS OTHERWISE NOTED.A SHORT TERM EXPOSURE LIMIT(STEL) IS DEFINED AS A 15 MINUTE EXPOSURE, WHICH SHOULD NOT BE EXCEEDED AT ANY TIME DURING A WORKDAY.

2 THRESHOLD LIMIT VALUES (TLV)ESTABLISHED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGINISTS (ACGIH) ARE 8 HOUR TWA CONCENTRATIONS UNLESS OTHERWISE NOTED.

METALLIC COATING				
INGREDIENT NAME	CAS NO.	PERCENTAGE BY WT.2	OSHA PEL	ACGIH TLV
GALVANIZE(GI) GALVANNEAL(GA)	7440-66-6	GI 99 MIN. GA 85 MIN.3	5 MG/M3-FUME 15 MG/M3-TOTAL DUST 5MG/M3-RESPIRABLE FRACTION	5 MG/M3-FUME 10 MG/M3-TOTAL DUST 10MG/M3-RESPIRABLE FRACTION

SURFACE COATING (IF APPLICABLE)				
INGREDIENT NAME	CAS NO.	PERCENTAGE BY WT	OSHA PEL	ACGIH TLV
POLYESTER	NOT AVAILABLE	<1%		

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