

产品安全数据表 Material Safety Data Sheet

玫德集团有限公司 Jinan Meide Casting Co., Ltd

中国济南市平阴工业园玫德玛钢科技园 Meide Science & Technology Park,

Pingyin Industrial Park, Jinan, China

紧急联系电话 Emergency Telephone # 0531-87856271

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第一部分：产品名称 Section 1 – Valve

产品名称：阀门 Product Name: Valve

第二部分：材料成分 Section 2 – Material Specification

	重量 % Weight %
球墨铸铁 Ductile Iron	50-97
碳钢 Carbon Steel	0.05-15
不锈钢 Stainless Steel	0.05-15
铜合金 Copper Alloy	0.05-20
橡胶 Rubber	0.05-5
锌 Zinc *	0.005 – 0.5
环氧树脂涂层 Fusion Epoxy Coating **	0.005 – 0.5
* 仅针对镀锌产品 For galvanized product only.	
** 仅针对环氧树脂喷涂产品 For Fusion Epoxy Coating	
注意：所有商业用途的金属都含有除以上成分外的其他微量元素或残余元素。 Note: All commercial metals contain “trace elements” or “residual elements”, in addition to above specified.	

第三部分：物理和化学特性 Section 3 – Physical & Chemical Characteristics

熔点：铁金属本体 1510℃，铜合金 1083℃，锌层 420℃，橡胶：无熔点，
Melting Point: Iron Alloy Metal 1510℃, Copper Alloy 1083℃, Zinc Coating 420℃, Rubber, No melting point.

不锈钢、碳钢、铜合金部件外观和气味：金属外观，无气味
Stainless Steel Component, Carbon Steel Component, Copper Alloy Component Appearance & Odor: Metallic Gray, No Odor

橡胶部件外观、颜色和气味：固态不透明，有气味

Rubber Component Appearance & Odor: Solid state opacity, Have Odor

环氧树脂涂层外观、颜色和气味：固态不透明，无气味

Fusion Epoxy Coating Appearance & Odor: Solid state opacity, No Odor

第四部分：燃烧和爆炸数据 Section 4 – Fire and Explosion Data

固态铁金属、铜合金部件无燃烧或爆炸危险。

Iron Alloy Component, Copper Alloy Component in solid state present no fire or explosion hazard.

橡胶部件不易燃烧，无爆炸危险。

Rubber Component Not easy to burn, no explosion hazard.

环氧树脂涂层不易燃烧，无爆炸危险。

Fusion Epoxy Coating Component Not easy to burn, no explosion hazard.

第五部分：人体健康危害信息 Section 5 – Health Hazard Information

眼睛：金属颗粒进入眼睛会遭成眼部疼痛。

呼吸：过度暴露在铸件产生的粉尘或烟气中可能会导致肺部疾病。

Eyes: Metal particles in the eyes may cause irritation if not removed.

Breathing: Overexposure to dust or fumes from these castings may cause lung diseases.

急救办法：

如果进入眼部，由经过培训的人员将金属颗粒取出

如果呼吸吸入，应呼吸新鲜空气

First Aid:

If in Eyes, Metal particle should be removed by a trained individual such as a nurse or physician.

If breathed, Move to fresh air.

第六部分：反应数据 Section 6 – Reactivity data

危险聚合：不会发生 Hazardous Polymerization: Will not occur.

稳定性：稳定 Stability: Stable

不相容性：铁与过氧化氢(浓度>52%)可能会产生剧烈反应。

Incompatibility: Iron may cause violent decomposition of hydrogen peroxide (52% or more)

第七部分：渗漏 Section 7 – Spill or leak procedures

如果渗漏，将产品退回给供应商或废品回收商。

If spilled, return product to vendor or send to scrap reclaimer.

第八部分：特殊保护信息 Section 8 – Special protection information

呼吸：要使用合格的防尘呼吸器来避免粉尘的过量吸入。

Respiratory: Approved dust and fume respirators should be used to avoid excessive inhalation of particulates

皮肤：在焊接、燃烧或手工操作过程中要佩戴保护手套。

Skin: Protective gloves should be worn as required for welding, burning, or handling operations.

眼睛：在焊接、燃烧、锯割、铜焊、打磨或加工过程中要佩戴保护眼睛或护目镜。

Eye: Use safety glasses or goggles for welding, burning, sawing, brazing, grinding, or machining operations.

通风：在焊接、燃烧、锯割、铜焊、打磨或加工过程中要排气通风，避免过量灰尘。

Ventilation: Local exhaust ventilation should be provided when welding, burning sawing, brazing, grinding or machining to prevent excessive dust or fume exposure.

其他：根据特定工作环境，可能需要其他的保护设备或衣服等。

Other Protective Equipment: Depending on the conditions of use and specific work situations, additional protective equipment and/or clothing may be required.

第九部分：特殊预防 Section 9 – Special precautions

储存：保持干燥避免生锈。

Storage: Keep dry to reduce rusting.

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