

**MATERIAL SAFETY DATA SHEET:** According to EC-directive 2001/58/EC**HVA-2****HS Code: 29251900.90****1. 化学品及企业标示(CHEMICAL PRODUCT AND COMPANY IDENTIFICATION)**

产品标签名/ Product label name	HVA-2 深圳市华起达实业有限责任公司 Meyors Chemical INC Limited 深圳市罗湖区中兴路, 外贸集团大厦 2610-2611 室
供应商/ Supplier	RM 2610-2611 Foreign Trade Building, Zhong Xing Road Shen Zhen. China TEL: +86-755-82184166, 82194708 FAX: +86-755-82187033
紧急电话/ Emergency telephone	+86-755-82194108
产品用途/ Intended use	Rubber industry

2. 成分/组成信息 (COMPOSITION/INFORMATION ON INGREDIENTS)

化学名/ Chemical name	HVA-2
CAS 编号/ CAS NO.	3006-93-7
产品描述/ Chemical description	yellow or brown powder/黄色或棕色粉末
TSCA NO.编码/ TSCA NO.	无/ none
EINECS 号码/ EINECS NO.	-
其他信息/ Other information	-

3. 危险性鉴定 (HAZARDS IDENTIFICATION)

摄食有一定的危险, 直接接触对皮肤有轻微的刺激。	Very hazardous in case of ingestion. Slightly hazardous in case of skin contact.
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4. 急救措施(FIRST AID MEASURES)

急救/ First aid	
通常情况/ General	In all cases of doubt, or when symptoms persist, seek medical attention. 任何可疑情况, 或有任何症状出现, 请马上找医生咨询。 Move to fresh air. Keep respiratory tract clear, when breath hard provide the oxygen, provide the 2-4% NaHCO ₃ pulverization to absorb, seek doctor advice.
吸入/ Inhalation	呼吸新鲜空气,保持呼吸道畅通, 呼吸困难时供氧, 提供 2-4% 碳酸氢钠溶液雾化吸入, 就医。 Wash off with plenty of soap and water at least 15 min, if burned take medicine cure soon..
皮肤/ Skin	立即移走所有被污染的衣物。用肥皂和清水冲洗至少 15 分钟 如果灼伤请即刻就医



眼睛/ Eye	Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to Ensure thorough rinsing. Seek medical advice if irritation develops. 翻开眼睑用清水冲洗干净。 确保洗除残渣。如果出现刺激症状请就医。
摄取/ Ingestion	If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention. 如果摄取，在医务人员的指导下才能进行呕吐。
医生建议/ Advice to physician	No specific recommendations. 无详细建议。

5. 消防措施(FIRE-FIGHTING MEASURES)

灭火媒介/ Extinguishing media	water mist, foam,, CO ₂ , sand soil 水雾，泡沫，CO ₂ ，沙土
特殊防火规程/Special Fire Fighting Procedures	Product is not flammable. Use fire-fighting measures that suit the surround fire. 产品不可燃，采用的消防策略要适合周围其他物质的火势。
保护设备/ Protective equipment	Wear self-contained breathing apparatus. 需配戴空气呼吸器。

6. 泄露应急处理(ACCIDENTAL RELEASE MEASURES)

泄露后个人的安全预防 Person-related safety precautions	Wear protective equipment. Ensure adequate ventilation. 穿防护器械。确保足够的通风。
环境保护措施 Measures for environmental protection	Do not allow material to be released to the environment without proper governmental permits. 不容许在没经过政府部门的许可就将材料随处丢弃。

7. 操作处置与储存(HANDLING AND STORAGE)

安全操作信息/Information for safe handling	Keep container tightly sealed. Store in cool, dry place in tightly closed containers. 保持容器密封，储存于干燥与阴凉的密封容器中。
储存要求/ Storage requirements	Store in cool, dry conditions in well sealed containers.. 储存于干燥与阴凉的密封容器中。

8. 接触控制/个体防护(EXPOSURE CONTROLS/PERSONAL PROTECTION)

关于工业设计的附加信息 Additional information about design of technical	Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. 正确的按照危险化学品和其它的化学品的的方法操作这种化学物质。
一般保护和工业措施 General protective and hygienic measures	Keep away from foodstuffs, beverages. Remove all soiled and contaminated clothing immediately. 远离食品和饮料，马上拿走被污染的容器和衣物等。
个体防护/ Personal protection	
呼吸器/ Respiratory	Avoid breathing dust. 避免吸入粉尘。



手/ Hand	Wear suitable gloves. 佩戴相应的长手套。
眼/ Eye	Wear safety goggles. 佩戴防护眼罩。
皮肤和身体/ Skin and body	Wear suitable protective clothing. 穿戴相应的保护服装。

9. 物理和化学特性(PHYSICAL AND CHEMICAL PROPERTIES)

外观/ Appearance	yellow or brown powder 黄色或棕色粉末	颜色/ Colour	yellow or brown 黄色或棕色
气味/ Odour		沸点/ Boiling point	-
熔点/ Melting point \geq	195	闪点/ Flash point	-
易燃性/ Flammability	----	爆炸极限/ Explosion limits	----
爆炸性/ Explosive properties	----	自燃温度/ Auto ignition temperature	----
氧化性/ Oxidizing properties	----	蒸汽压/ Vapour pressure	----
相对密度/relative density	-	体积密度/ Bulk density	---
溶解性/ Solubility in water	Soluble in water, ester, insoluble in CS ₂	在其它溶剂中的溶解性/ Solubility in other solvents	Soluble in ester, insoluble in CS ₂
筛余物 (150um) / Residues(150um) % \leq	0.10	分解系数/ Partition coefficient	
粘性/ Viscosity		相对蒸汽密度/ (air=1) / Relative vapour density	39
纯度/Assay content % \geq	96		

10. 稳定性和反应性(STABILITY AND REACTIVITY)

稳定性/ Stability	Stable 稳定
应避免的情况/ Conditions to avoid	Decomposition will not occur if used and stored according to specifications. 按照物品使用说明书使用和存储不会有分解品产生。
应避免的物质/ Materials to avoid	----
腐烂分解毒害物质/ Hazardous decomposition products	Vapor mix with air lead to exploder, explode by open flame and high temperature, reaction with high oxidier

11. 毒理学资料(TOXICOLOGICAL INFORMATION)

名称/ Name	HVA-2
敏感性毒害/ Acute toxicity	
口头的/ Oral LD50(bandicoot)	2730mg/Kg



皮肤的/ Dermal LD50(rabbit)	800mg/Kg
附加毒理学资料 Additional toxicological information	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. 根据 EPA, IARC, NTP, OSHA or ACGIH 的标准, 没有将其定义为有毒物质

12. 生态学资料(ECOLOGICAL INFORMATION)

名称/ Name HVA-2
No information considerations/没参考信息

13. 废弃处理(DISPOSAL CONSIDERATIONS)

产品/ Product	Avoid discharge into the environment. Small quantities: According to local regulations. Large quantities: Consult Meyors Chemical for special advice. 避免流入环境。 小量: 根据当地规定。 大量: 请联系美尔化工获取建议。
包装污染/ Contaminated packaging	According to local regulations. 根据当地规定。 Waste code number: Please refer to your specific industry in the European Waste Catalogue.
其他信息/ Other information	消耗物代码: 请联系欧洲在消耗物领域的特殊工业。

14. 运输信息(TRANSPORT INFORMATION)

陆运/ Land transport (ADR/ RID)	
ADR 等级/ ADR class	RID 等级/ RID class -
ADR/RID 包装组成/ ADR/RID packing group	危害鉴定号/ Hazard Identification No. -
物质鉴定号/ Substance Identification No.	UN 号 UN number -
适当海运名称/ Proper Shipping Name HVA-2	
海运/ Sea transport (IMDG-code/ IMO)	
正确的技术名称 Correct technical name -	IMDG 等级 IMDG Class -
UN 号码/ UN Number -	包装组成 Packaging group -
EMS 号/ EMS Number -	
空运/ Air transport (ICAO-TI/ IATA-DGR)	
ICAO-TI/IATA-DGR 等级	UN 号 -
ICAO-TI/IATA-DGR Class	UN number -
正确的技术名称 HVA-2	

**Correct technical name****15. 法规信息(REGULATORY INFORMATION)**

化学品描述/ Chemical description	HVA-2
标签根据 EC 指标/ Labelling according to EC directives	
EC 号/ EC-number	See section 2 查看第 2 部分
分级标准/ Classification based on	Annex-1 to directive 67/548/EEC 根据 67/548/EEC 指示 S 24 Avoid contact with skin S 37 Wear suitable gloves S 60 This material and its container must be disposed of as hazardous waste S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets
安全性短语/ S(afety) phrase(s)	S 24 避免接触皮肤。 S 37 配戴相应的手套。 S 60 这种物质和其容器必须按照有害物质的原则进行相应处理。 S 61 避免释放到环境，参照相关指令或安全数据表。
其他信息/ Other information	To be displayed on the label: "EC label". 显示在"EC label"标签上。

16. 其他信息 (OTHER INFORMATION)

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

这些信息仅仅涉及以上提到的产品，如果用于其他产品或其他过程，本公司不付任何法律责任。这些信息是我们当前最新最好的资料编写而成，值得信任，但我们不能绝对保证没有错误。它仅仅起到提醒使用者自己使这些信息指导相关产品用于适当的地方。