



杭州海关技术中心
国家危险化学品检测重点实验室（浙江）



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正本/ORIGIN

编号: TCH22008007
No: TCH22008007
日期: 2022-06-15
Date: 2022-06-15

ZAIQ-RF(HH)-01-19

Safety Data Sheet



Applicant name: Zhejiang Castchem New Material Co., Ltd.

Product Name: COPOLYMER STMMA

Edit date: 2022-06-15

Edit institution: Technology Center of Hangzhou Customs District

Approver:

万旺军

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1. Identification of substance

Product Name	COPOLYMER STMMA
Other Name	None
Chemical Name	None
Recommended Use	Lost foam casting.
Manufacturer	Zhejiang Castchem New Material Co., Ltd.
Address	No.10, Lvyin Road, High-Tech Industry Zone, Quzhou, China / 324000
Phone Number	+86-0570-3888787
Fax Number	+86-0570-3888828
WEB or E-mail	672240346@qq.com
Emergency Phone Number	+86-0570-3888120 or call your nearest poison control centre

2. Hazards identification

GHS classification	Serious eye damage/eye irritation 2A Hazardous to the aquatic environment, long-term hazard 3
GHS Pictograms	
Signal words	Warning
Hazard statements	H319:Causes serious eye irritation H412:Harmful to aquatic life with long lasting effects
Precautionary Statement Prevention	P264+P265:Wash hands [and...] thoroughly after handling. Do not touch eyes. P273:Avoid release to the environment. P280:Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
Precautionary Statement Response	P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P317:If eye irritation persists: Get medical help.
Precautionary Statement Storage	None
Precautionary Statement Disposal	P501:Dispose of contents/container in according with local regulation.
Other hazards which do not result in classification	Not available.

3. Composition/information on ingredients

☐ **Substances**

☒ **Mixtures**

Component Information

Component	CAS number	EINECS number	Mass(%)
Poly(styrene-co-methyl methacrylate)	25034-86-0	684-195-3	92%wt
n-pentane	109-66-0	203-692-4	8%wt
Note:1. Unless a component presents a severe hazard, it does not need to be considered in the SDS if the concentration is less than 1%.			
4.First-aid measures			
NOTE TO PHYSICIAN	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.		
After inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.		
After skin contact	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.		
After eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately.		
After ingestion	Rinse mouth. Give one or two glasses of water to drink. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or waistband. Do not use mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention.		
Most important symptoms/effects, acute and delayed	Causes serious eye irritation		
5. Fire-fighting measures			
Suitable extinguishing agents	Dry chemical powder, water spray, carbon dioxide or alcohol-resistant foam.		
Special hazards caused by the material, its products of combustion or flue gases	In case of fire, carbon oxides, irritant toxic smoke and gases may be released.		
Protective equipment for fire-fighters	Firefighters should wear air breathing apparatus, full body fire-fighting clothing and oil resistant rubber gloves, and put out the fire at a safe distance and with sufficient protection. Move the container from the fire to the open space as far as possible. Evacuate immediately if containers in the fire field are discolourable or sound from the safety relief device. Isolate the scene of the accident and prohibit irrelevant personnel from entering. Collect and treat fire water to prevent environmental pollution.		
6. Accidental release measures			

Person-related safety precautions	Remove all sources of ignition. Isolate accident scene, set warning signs around, and evacuate irrelevant personnel to the safety area from crosswind and upwind. It is suggested that the safety treatment personnel should wear positive pressure self-contained breathing apparatus, chemical protective clothing and chemical protective gloves. Direct contact with leakage is prohibited. Prevent contact with skin and eyes. Cut off the leakage source as much as possible.
Measures for environmental protection	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
Measures for cleaning/collecting	Small amount of leakage: collect in dry, clean and covered container with clean shovel, and transfer to a safe place. Do not flush into the sewer. Large amount of leakage: build a causeway or trenching asylum. Close the drain pipe. Cover with foam, inhibit evaporation. Transfer to tank car or special collector with explosion-proof pump, recycle or transport to waste treatment site for disposal.
Additional information	See Section 7 for information on safe handling. See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

7. Handling and storage

Handling	
Information for safe handling	Airtight operation, provide adequate local exhaust. Operators must be specially trained and strictly abide by the operation rules. It is suggested that the operators should wear self-contained filter gas mask, safety glasses, impervious work clothes and chemical resistant gloves. Keep away from fire and heat sources. Smoking is forbidden in the workplace. Handle with care to prevent damage to packaging and containers. Equip with corresponding varieties and quantities of fire fighting equipment and leakage emergency equipment. Empty containers may contain harmful substances.
Information about protection against explosions and fires	Cut off the leakage source as far as possible and eliminate all ignition sources.
STORAGE	
Requirements to be met by storerooms and containers	Store in a cool and well-ventilated warehouse. Store separately from oxidants and edible chemicals, etc and avoid mixed storage. Keep tightly closed until used. Keep away from fire and heat source.

Information about storage in one common storage facility	Stay away from incompatible substances such as strong oxidizing agents. Emergency handling equipment and suitable receiving materials should be provided in the storage area. Store locked up.
Further information about storage conditions	No data.

8. Exposure controls/personal protection

Limit Values for Exposure					
Component	CAS number	ACGIH TLV-TWA	ACGIH TLV-STEL	NIOSH PEL-TWA	NIOSH PEL-STEL
Poly(styrene-co-methyl methacrylate)	25034-86-0	N.E.	N.E.	N.E.	N.E.
n-pentane	109-66-0	1000 ppm	N.E.	120 ppm	N.E.
Appropriate engineering controls	Workplace should be separated from other workplaces. Airtight operation to prevent leakage. Strengthen ventilation. Set up automatic alarm device and accident ventilation facilities. Set up emergency evacuation channel and necessary danger area. Set up red area warning line, warning sign and Chinese warning instruction, and set up communication alarm system. Provide safety shower and eye wash equipment.				
General protective and hygienic measures	Do not get this material in contact with skin. Do not get this material on clothing. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.				
Personal protective equipment	Chemical safety glasses, gloves, protective clothing and a dust/vapor respirator or mask.				
Breathing equipment	Use self-contained breathing apparatus in all cases.				
Protection of hands	Wear appropriate chemical resistant gloves.				
Eye/Face protection	Tightly sealed goggles.				
Body protection	Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.				

Note: 1. N.E. means not established.

9. Physical and chemical properties

Physical state	Tiny spherical solid particles
Colour	White
Odour	Odorless
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling	120 °C

range	
Flammability	No data available
Lower and upper explosion limit/ flammability limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water(log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density (air=1)	No data available
Particle characteristics	No data available

10. Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid (e.g. static discharge, shock or vibration)	Heat, flames and sparks, extreme temperatures and direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides, irritant toxic fumes and gases.

11. Toxicological information

This product is a preparation for which no toxicological data exists. When available, toxicological data for the product's hazardous ingredients are provided below.

Routes of Entry: Dermal contact, eye contact, inhalation, ingestion.

Acute Toxicity

n-pentane (CAS 109-66-0)	LD50 (Oral, rat): 5000 mg/kg LC50 (Inhalation, rat): 364000 mg/m ³ (4 h) LD50 (Dermal, rabbit): 3000 mg/kg
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Skin corrosion/Irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation

Respiratory or skin sensitization	Not classified
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Germ cell mutagenicity	Not classified
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Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Chronic Effects	Not classified
Further Information	Not classified

12. Ecological information

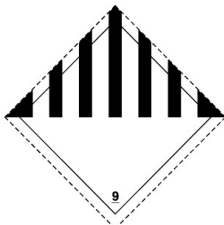
Ecotoxicity	
Aquatic Toxicity	n-pentane (CAS 109-66-0) Test & Species 96 Hr LC50 Fish: 4.26 mg/l 48 Hr EC50 Daphnia: 9.74 mg/l 72 Hr EC50 Algae: 10.7 mg/l
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Additional Information	Harmful to aquatic life with long lasting effects.

13. Disposal considerations

WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this material.
 Dispose of in accordance with local environmental regulations or local authority requirements.

14. Transport information

The Recommendation of Transport of Dangerous Goods(TDG)	
UN Number	UN 2211
Proper Shipping Name	POLYMERIC BEADS,EXPANDABLE, evolving flammable vapour
Class/Division	Class 9 Miscellaneous Dangerous Substances and Articles
Package Group	PG III
Subsidiary risk	—
labelling pictogram	
Maritime transport IMDG/ Marine pollutant (Yes/No)	Being same with TDG/
Air transport ICAO-TI and IATA-DGR	Being same with TDG See A204 for Special Provisions.

15. Regulatory information

European/International Regulations

OSHA:	Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).
EINECS Status:	The main components of this chemical (Except Poly(styrene-co-methyl methacrylate)) are included in EINECS inventory.
EPA TSCA Status:	The main components of this chemical are included in TSCA inventory.
Canadian DSL(Domestic Substances List):	The main components of this chemical are included in DSL.
HMIS(Hazardous Material Identification System Ratings):	Health: 1 Flammability: 1 Physical hazard: 0 Personal protection: D (4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard)
WHMIS(Canadian Workplace Hazardous Material Identification System Ratings):	B2,D2B(n-pentane)
GB 12268-2012 List of dangerous goods	This chemical is a dangerous goods on the GB 12268-2012 list of dangerous goods.

16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE", "International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

Abbreviations and acronyms	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
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IMDG: International Maritime Code for Dangerous Goods
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: effective concentration, 50 percent

Edit Date 15.06.2022
Update and Revise Original edition
Edit Standard *Globally Harmonized System of Classification and Labelling of Chemicals* Part 1.5
Revised Institution Technology Center of Hangzhou Customs District



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化学品安全数据表



申请单位: 浙江凯斯特新材料有限公司

产品名称: 共聚树脂

编制日期: 2022-06-15

编制机构: 杭州海关技术中心

批准人: 万旺军

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1. 标识			
产品名称	共聚树脂		
其他名称	无		
化学名称	无		
使用建议	消失模铸造		
生产商	浙江凯斯特新材料有限公司		
地址	中国浙江省衢州市国家高新技术园区绿荫路 10 号/324000		
固定电话	+86-0570-3888787		
传真	+86-0570-3888828		
网址或电子邮件地址	672240346@qq.com		
应急电话	+86-0570-3888120 或向离你最近的解毒中心求助		
2. 危险标识			
GHS 危险性分类	严重眼损伤/眼刺激 2A 类 危害水生环境-长期危险 3 类		
GHS 危险标签			
信号词	警告		
危险说明	H319:造成严重眼刺激 H412:对水生生物有害且具长期持续影响		
防范说明	P264+P265:作业后彻底清洗手部[和……]。勿触碰眼睛。		
预防	P273:避免释放到环境中 P280:戴防护手套/穿防护服/戴防护眼罩/面具/听力保护。		
防范说明	P305+P351+P338:如进入眼睛：用水小心冲洗几分钟。如戴隐形		
反应	眼镜且可方便得取出，取出隐形眼镜。继续冲洗。 P337+P317:如仍觉眼刺激：寻求医疗救助。		
防范说明	无		
储存			
防范说明	P501:依据地方法规处置内装物/容器		
处置			
不导致分类的其他危险	未知。		
3. 成分构成/成分信息			
☐ 物质			
☒ 混合物			
成分信息			
成分	CAS 号	EINECS 号	含量(%)
聚苯乙烯甲基丙烯酸甲酯	25034-86-0	684-195-3	92%wt
共聚物			
戊烷	109-66-0	203-692-4	8%wt
注：1.在化学品安全数据表中无需考虑百分含量小于 1%的成分，除非该成分呈现出严重的危害性。			

4. 急救措施	
对医师的建议	在呼吸急促的情况下，需给受害人输氧。保持受害人温暖。让受害人处于观察监护下。
吸入后	转移到有新鲜空气的地方。如需要，须输氧或进行人工呼吸。马上就医。
皮肤接触后	立即用大量的水冲洗皮肤。脱掉被污染的衣服和鞋子。如皮肤刺激仍继续：须求医。如原是小面积的皮肤接触，防止接触面积的扩大。污染的衣服在使用前，须单独清洗。
眼睛接触后	立即用大量的水冲洗眼睛至少 15 分钟。用手指分开眼睑以保证充分冲洗眼睛。马上就医。
摄入后	漱口。饮用一或两杯水。无医师建议的情况下不要引吐。如果受害人需呕吐，使其前倾以减少倒吸的危险。解松过紧的衣物，如领子、领带、皮带或腰带。不要使用嘴对嘴的方法实施救助。马上就医。
主要的症状和影响，包括急性和迟发效应	造成严重眼刺激
5. 消防措施	
合适的灭火剂	干粉、水喷雾、二氧化碳或耐醇泡沫。
由物质本身或其燃烧产物、烟气产生的特殊危险	发生火灾时，可能释放碳氧化物，刺激性有毒烟雾和气体。
防护设备	消防人员须佩戴携气式呼吸器，穿全身消防服，戴橡胶耐油手套，在安全距离处、有充足防护的情况下灭火。尽可能将容器从火场移至空旷处。处在火场中的容器若已变色或从安全泄压装置中产生出声音，必须马上撤离。隔离事故现场，禁止无关人员进入。收容和处理消防水，防止污染环境。
6. 泄露应急处理	
与人相关的安全防范措施	消除所有点火源。隔离事故现场，周围设警示标识，无关人员从侧风、上风向撤离至安全区。建议安全处理人员戴正压自给式呼吸器，穿化学防护服，戴防化学品手套。禁止直接接触泄漏物。防止接触皮肤和眼睛。尽可能切断泄漏源。
环境保护措施	如能做到应防止进一步的泄露和溢出。无相关政府许可，不允许把该物质释放到环境中。
清洁/收集措施	小量泄漏：用洁净铲子收集于干燥、洁净、有盖的容器中。并转移至安全场所。禁止冲入下水道。大量泄漏：构筑围堤或挖坑收容。封闭排水管道。用泡沫覆盖，抑制蒸发。用防爆泵转移至槽车或专用收集器内，回收或运至废物处理场所处置。
附加说明	关于安全操作的信息见第 7 部分 关于个人防护设备的信息见第 8 部分 关于处置的信息见第 13 部分
7. 操作和存储	
操作	
安全操作的信息	密闭操作，提供充分的局部排风。操作人员必须经过专门培训，严格遵守操作规程。建议操作人员佩戴自吸过滤式防毒面具，戴安全防护眼镜，穿防毒物渗透工作服，戴防化学品手套。远离火种、热源，工

防止爆炸和火灾的信息	作场所禁止吸烟。搬运时要轻装轻卸，防止包装及容器损坏。配备相应品种和数量的消防器材及泄漏应急处理设备。倒空的容器可能残留有害物。
存储	尽可能切断泄漏源，消除所有点火源。
对储藏室和容器的要求	储存于阴凉、通风良好的库房。应与氧化剂、食用化学品等分开存放，切忌混储。保持容器密闭。远离火种、热源。
关于储藏在普通存储设施中的信息	远离不相容的物质，如强氧化剂。 储区应备有泄漏应急处理设备和合适的收容材料。
关于储藏条件进一步的信息	存放处须加锁。 无其他说明。

8. 暴露控制/人身保护

暴露限值					
成分	CAS 号	ACGIH 阈限值-时间加权平均浓度	ACGIH 阈限值-短时间接触限值	NIOSH 阈限值-时间加权平均浓度	NIOSH 阈限值-短时间接触限值
聚苯乙烯甲基丙烯酸甲酯共聚物	25034-86-0	N.E.	N.E.	N.E.	N.E.
戊烷	109-66-0	1000 ppm	N.E.	120 ppm	N.E.
减少接触的工程控制方法	作业场所建议与其它作业场所分开。密闭操作，防止泄漏。加强通风。设置自动报警装置和事故通风设施。设置应急撤离通道和必要的泻险区。设置红色区域警示线、警示标识和中文警示说明，并设置通讯报警系统。提供安全淋浴和洗眼设备。				
一般保护和卫生措施	不要让该物质与皮肤、衣物、眼睛接触。依据良好的工业卫生和安全条例操作。在休息和一天工作结束前要洗手。				
个人防护用品	化学安全眼镜、手套、防护服及防护面罩。				
呼吸设备	任何情况下都要使用自给式呼吸器。				
双手保护	戴合适的耐化学腐蚀的手套。				
眼睛/面部保护	密封的护目镜。				
身体保护	全套防化学试剂工作服，阻燃防静电防护服，防护设备的类型必须根据特定工作场所中的危险物的浓度和含量来选择。				

注:1. N.E. 就是还没有建立的意思。

9. 物理和化学特性

物理状态	微丸型固体颗粒
颜色	白色
气味	无味
熔点/凝固点	无数据资料
沸点或初始沸点和沸程	120 °C
易燃性	无数据资料
上、下爆炸极限/易燃极限	无数据资料

闪点	无数据资料
自燃温度	无数据资料
分解温度	无数据资料
pH 值	无数据资料
运动粘度	无数据资料
溶解性	无数据资料
分配系数:正辛醇/水 (对数值)	无数据资料
蒸汽压	无数据资料
密度和/或相对密度	无数据资料
相对蒸气密度 (空气=1.0)	无数据资料
颗粒特征	无数据资料

10. 稳定性和反应活性

反应性	无数据资料
化学稳定性	在建议的贮存条件下是稳定的。
有害反应的可能性	无数据资料
需避开的条件 (如: 静电放电, 震动等)	热, 火焰和火花, 极端温度和直接日晒。
不相容的物质	强氧化剂。
有害分解产物	碳氧化物, 刺激性有毒烟雾和气体。

11. 毒理学信息

该配制品无现有毒性数据。现有的该产品的有害成分的毒性数据罗列如下。
进入人体内的途径: 皮肤接触、眼睛接触、吸入和摄入。

急性毒性

戊烷 (CAS 109-66-0)	LD50 (口服, 大鼠): 5000 mg/kg LC50 (吸入, 大鼠): 364000 mg/m ³ (4 h) LD50 (皮肤, 兔子): 3000 mg/kg
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皮肤腐蚀/刺激	未分类
严重眼损伤/刺激	造成严重眼刺激。
呼吸或皮肤敏化作用	未分类
生殖细胞致突变性	未分类
致癌性	未分类
生殖毒性	未分类
特定目标器官毒性-单次接触	未分类
特定目标器官毒性-重复接触	未分类
吸入危险	未分类
慢性影响	未分类
其他信息	未分类

12. 生态学信息

生态毒性	
水生毒性	戊烷 (CAS 109-66-0) 测试 & 物种

96 Hr LC50 鱼: 4.26 mg/l
48 Hr EC50 溞类: 9.74 mg/l
72 Hr EC50 藻类: 10.7 mg/l

持久性和降解性	无数据
潜在的生物累积性	无数据
土壤中的迁移性	无数据
其他信息	对水生生物有害且具长期持续影响。

13. 废弃处置

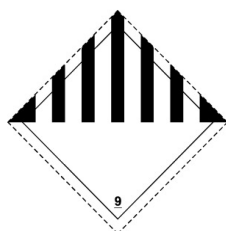
废物处置说明

联系一家有资质的专业废物处置机构来处置。
按照当地的环境法规或地方当局的要求来进行处置。

14. 运输信息

联合国《关于危险货物运输的建议书 规章范本》(TDG)

UN 编号	UN 2211
正式运输名称	聚苯乙烯珠粒料, 可膨胀, 会放出易燃气体
危险类/项别	第 9 类 杂项危险物质和物品
包装类别	PG III
次要危险性	—
危险性标签	



国际海运危规 IMDG/海洋污染物 (是/否)	与 TDG 的分类相同/
国际空运危规 ICAO-TI 和 IATA-DGR	与 TDG 的分类相同 特殊规定详见 A204。

15. 法规信息

欧洲/国际法规

OSHA (美国职业安全与健康管理法): 危险性根据危害通讯标准来编写 (29CFR 1910.1200).

EINECS (欧洲现有商业化学物质名录): 该样品各主要成分 (除了聚苯乙烯甲基丙烯酸甲酯共聚物) 均已被列入 EINECS 目录中。

EPA TSCA (有毒物质控制法): 该样品各主要成分已被列入 TSCA 目录中。

加拿大 DSL/NDSL (国内物质清单)/ (非国内物质清单): 该样品各主要成分已被列入 DSL 目录中。

HMIS (危险品识别系统):

健康危害:	1
易燃性:	1
物理危害:	0
个人防护:	D

(4. 极其严重危害; 3. 严重危害; 2. 中度危害; 1. 轻度危害; 0. 极小危害)

**WHMIS(加拿大工作场
所有害物质识别系统):** B2,D2B(戊烷)

**GB 12268-2012 危
险品清单** 该化学品作为危险品被列入 GB 12268-2012 危险品清单。

16. 其他信息

雇主只能把本化学品安全数据表的信息当作他们所获其他信息的补充信息，并能独立判断此信息的适用性，以确保正确使用并保护雇员的健康和安全。此化学品安全数据表提供的信息并不具担保作用，任何未按本化学品安全数据表使用产品、或与其他产品和操作过程同时使用本产品时产生的后果由用户自行承担。

本化学品安全数据表是根据《全球化学品统一分类和标签制度》，《联合国关于危险货物运输的建议书》，《国际海运危规》，国际航空运输协会《危险货物规则》和国家标准等相关危险化学品管理法律法规和标准进行编制，而上述法律法规和标准均会定期进行更新和变化。为使危险货物/危险化学品符合相关最新的管理要求，建议定期审核更新化学品安全数据表。

本化学品安全数据表分别以中、英文编制，在对中、英文本的理解上发生歧义时，以中文文本为准。

缩略语

ADR: 《关于危险货物道路国际运输的欧洲协议》
RID: 《关于危险货物铁路国际运输的规则》
IMDG: 国际海运危规
IATA-DGR: 国际航空运输协会《危险货物规则》(IATA)
ICAO-TI: 国际民用航空组织《国际民航公约》(ICAO)
EINECS: 欧洲现有商业化学物质名录
CAS: 化学文摘号
LC50: 半数致死浓度
LD50: 半数致死剂量
EC50: 半数效应浓度

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