



Safety Data Sheet 安全数据表

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SECTION 1: Identification 第1部分：鉴定

1.1. Product identifier 产品标识

M08V2, Mold Release Paste Wax 脱模膏蜡 (25-187D): M0811V2

Product Identification Numbers 产品标识号

LB-1100-1870-6

1.2. Recommended use and restrictions on use 推荐使用和使用限制

Recommended use 推荐使用

Mold Release 脱模

1.3. Supplier's details 供应商的信息

MANUFACTURER 制造商: Stoner, Inc.

ADDRESS 地址: 1070 Robert Fulton Hwy,
Quarryville Pa 17566, USA

Telephone 电话: 717 786-7355

1.4. Emergency telephone number 紧急电话号码

CHEMTREC 1-800-424-9300 (24 hours 小时)

SECTION 2: Hazard identification 第2部分：危险识别

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. 下面的标签是根据OSHA危险通信标准29 CFR 1910.1200制备的。

This information may be different from the actual product label information for labels regulated by other agencies. 此信息可能与其他代理商的实际产品标签的监管信息不同。

2.1. Hazard classification 危险分类

Flammable Solid: Category 1.

易燃固体：第1类

Skin Sensitizer: Category 1.

皮肤过敏物质：第1类

Specific Target Organ Toxicity (single exposure): Category 3.

特定目标器官系统毒性物质（单一暴露）：第3类

2.2. Label elements 标签元素

Signal word 信号词

Danger 危险

Symbols 符号

Flame | Exclamation mark |

火焰| 感叹号|

Pictograms 形符



Hazard Statements 危险声明

Flammable solid 易燃固体.

May cause an allergic skin reaction. 可能引起过敏性皮肤反应

May cause drowsiness or dizziness. 可能引起嗜睡或头晕。

Precautionary Statements 防范说明

Prevention 预防:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

远离热源/火花/明火/热表面。 - 禁止抽烟。

Ground/bond container and receiving equipment.

接地/粘合容器和接收设备。

Use explosion-proof electrical/ventilating/lighting equipment.

使用防爆电气/通风/照明设备。

Avoid breathing dust/fume/gas/mist/vapors/spray.

避免吸入粉尘/烟/气体/烟雾/蒸气/喷雾。

Use only outdoors or in a well-ventilated area.

只能在室外或通风良好的地方使用。

Wear protective gloves and eye/face protection.

戴防护手套和眼睛/面部保护。

Contaminated work clothing must not be allowed out of the workplace.

不得将受污染的工作服带出工作场所。

Response 反应:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

如吸入：将患者转移到空气新鲜处，保持呼吸舒适。

IF ON SKIN: Wash with plenty of soap and water.

如皮肤受染：用大量肥皂和水清洗。

If skin irritation or rash occurs: Get medical advice/attention.

如果发生皮肤过敏或皮疹：求医/就诊。

Wash contaminated clothing before reuse.

重新使用前，清洗污染的衣服。

Call a POISON CENTER or doctor/physician if you feel unwell.

如您感到不适，请致电毒物中心或医生。

Storage 存储:

Store in a well-ventilated place. Keep container tightly closed.

存放在通风良好的地方。保持容器密闭。

Store locked up.

存仓锁好

Disposal 处置:

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

根据适用的当地/地区/国家/国际法规处置内容物/容器。

13% of the mixture consists of ingredients of unknown acute dermal toxicity.

13%的混合物由未知的急性皮肤过敏毒性成分组成。

60% of the mixture consists of ingredients of unknown acute inhalation toxicity.

60%的混合物由未知的急性吸入性有害毒物成分组成。

SECTION 3: Composition/information on ingredients 第3部分：成分/成分信息

Ingredient 成分	C.A.S. No.	% by Wt
Petroleum Distillates 石油馏分	64742-47-8	15 - 40 Trade Secret 商业秘密*
Petroleum Distillates 石油馏分	64742-14-9	10 - 30 Trade Secret 商业秘密*
Carnauba Wax 巴西棕榈蜡	8015-86-9	7 - 13 Trade Secret 商业秘密*
Oxidized Polyethylene 氧化聚乙烯	68441-17-8	7 - 13 Trade Secret 商业秘密*
Poly (Dimethylsiloxane) 聚(二甲基硅氧烷)	63148-62-9	5 - 10 Trade Secret 商业秘密*
Paraffin Wax 石蜡	8002-74-2	3 - 7 Trade Secret 商业秘密*
Petroleum Distillates 石油馏分	64742-48-9	1 - 5 Trade Secret 金商业秘密*
Beta-Pinene β -蒎烯	127-91-3	< 1 Trade Secret 商业秘密*
Alpha-Pinene α -蒎烯	80-56-8	< 0.5 Trade Secret 商业秘密*

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

*该组合物的特定化学特性和/或确切百分比(浓度)已作为商业秘密而保留。

SECTION 4: First aid measures 第4部分：急救措施**4.1. Description of first aid measures 急救措施的描述****Inhalation 吸入:**

Remove person to fresh air. If you feel unwell, get medical attention.

将人员移到新鲜空气处。如果您感觉不适，请就医。

Skin Contact 皮肤接触:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop,

get medical attention.

立即用肥皂和水清洗。脱去污染的衣服，并在重新使用前清洗。如果出现任何征状/症状，请就医。

Eye Contact 眼部接触:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

用大量水冲洗眼睛。如果征状/症状持续存在，请就医。

If Swallowed 如吞下:

Rinse mouth. If you feel unwell, get medical attention.

漱口。如果您感觉不适，请就医。

4.2. Most important symptoms and effects, both acute and delayed 最主要的症状和影响，包括急性和后期

See Section 11.1. Information on toxicological effects.

见11.1节。有关毒理学影响的信息。

4.3. Indication of any immediate medical attention and special treatment required 立即就医和特殊治疗指示

Not applicable 不适用

SECTION 5: Fire-fighting measures 第5部分：消防措施

5.1. Suitable extinguishing media 适合的灭火媒介

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

如果发生火灾：使用适合于普通燃烧物料（如水或泡沫等）的灭火剂灭火

5.2. Special hazards arising from the substance or mixture 该物质或混合物引起的特殊危害

None inherent in this product. 没有固有的产品

Hazardous Decomposition or By-Products 危险的分解物或副产品

Substance 物质

Carbon monoxide 一氧化碳

Carbon dioxide 二氧化碳

Irritant Vapors or Gases 含刺激性的蒸气或气体

Condition 条件

During Combustion 在燃烧期间

During Combustion 在燃烧期间

During Combustion 在燃烧期间

5.3. Special protective actions for fire-fighters 消防员的特殊保护措施

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus,

bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

穿戴全套的防护服，包括头盔，独立式，正压或压力呼吸器，掩体外套和裤子，保护好手臂，腰部和腿部，面罩和头部暴露区域的保护罩。

SECTION 6: Accidental release measures 第6部分：意外泄漏措施

6.1. Personal precautions, protective equipment and emergency procedures 个人预防措施，防护设备和应急程序

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

疏散区域。远离热源/火花/明火/热表面。- 禁止抽烟。仅使用无火花工具。需要新鲜空气给该区域通风。对于大量泄漏或在密闭空间内溢出，依据良好的工业卫生习惯，提供机器通风以分散或排出气体。警告！电动机可能是点火源，可导致溢出区域内的易燃气体或蒸汽燃烧或爆炸。有关身体和健康危害，呼吸保护，通风和个人防护设备的信息，请参阅本SDS的其他部分。

6.2. Environmental precautions 环境保护措施

Avoid release to the environment. 避免泄漏到环境中。

6.3. Methods and material for containment and cleaning up 遏制和清理的方法和材料

Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

使用无火花工具尽可能多收集溢出的材料。放入经有关当局批准运输的金属容器中。清理残留物。密封容器。根据适用的当地/地区/国家/国际法规尽快处理收集到的材料。

SECTION 7: Handling and storage 第7部分：处理和储存**7.1. Precautions for safe handling 安全处理的注意事项**

For industrial or professional use only. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

仅限工业或专业用途。远离热源/火花/明火/热表面。- 禁止抽烟。避免吸入粉尘/烟/气体/烟雾/蒸气/喷雾。避免接触到眼睛，皮肤或衣服。使用本产品时请勿进食，饮水或吸烟。处理后彻底清洗。不得将受污染的工作服带出工作场所。避免释放到环境中。重新使用前清洗污染的衣服。避免接触氧化剂（如氯化物，铬酸等）。穿低静电或适当接地的鞋子。为了最大限度地降低点火风险，请确定使用本产品的过程所适用的电气分类，并选择特定的局部排气通风设备，以避免易燃蒸汽积聚。如果在转移过程中可能存在累积静电的可能，则使用接地/粘接容器和接收设备。

7.2. Conditions for safe storage including any incompatibilities 安全储存的条件，包括任何不兼容性

Store in a well-ventilated place. Keep container tightly closed. Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents.

存放在通风良好的地方。保持容器密闭。远离热源。远离酸。远离强碱。远离氧化剂。

SECTION 8: Exposure controls/personal protection 第8部分：暴露控制/个人防护**8.1. Control parameters 控制参数****Occupational exposure limits 职业暴露限值**

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

如果某个成份在第3部分中公开但未出现在下表中，则该成份无职业暴露限制。

Ingredient 成分	C.A.S. No.	Agency 机构	Limit type 限制类型	Additional Comments 附加评论
Beta-Pinene β-蒎烯	127-91-3	ACGIH	TWA:20 ppm	Dermal Sensitizer 皮肤敏化剂, A4: Not class. as human carcin 不分类为人类致癌物
Kerosine (petroleum) 煤油 (石油)	64742-47-8	ACGIH	TWA(as total hydrocarbon vapor, non-aerosol 作为全烃气, 非气雾): 200 mg/m3	A3: Confirmed animal carcin., 判定为动物致癌物 SKIN 皮肤

Naphtha 石脑油	64742-48-9	OSHA	TWA:400 mg/m3(100 ppm)	
Paraffin Wax 石蜡	8002-74-2	ACGIH	TWA(as fume 作为烟):2 mg/m3	
Alpha-Pinene α -蒎烯	80-56-8	ACGIH	TWA:20 ppm	Dermal Sensitizer 皮肤敏化剂, A4: Not class. as human Carcin 不分类为人类致癌物

ACGIH : American Conference of Governmental Industrial Hygienists 美国政府工业卫生师协会

AIHA : American Industrial Hygiene Association 美国工业卫生协会

CMRG : Chemical Manufacturer's Recommended Guidelines 化学品制造商的推荐指南

OSHA : United States Department of Labor - Occupational Safety and Health Administration 美国劳工部 - 职业安全与健康管理局

TWA: Time-Weighted-Average 時間加權平均閾值

STEL: Short Term Exposure Limit 短時暴露閾值

CEIL: Ceiling 上取整函数

8.2. Exposure controls 曝露值控制

8.2.1. Engineering controls 工程控制

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

使用一般稀释通风和/或局部排气通风将空气中的曝露控制在相关的曝露极限以下和/或控制粉尘/烟/气体/烟雾/蒸汽/喷雾。如果通风设备不充分，请使用呼吸防护设备。使用防爆通风设备。

8.2.2. Personal protective equipment 个人防护装备 (PPE)

Eye/face protection 眼睛/面部保护

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

根据曝露评估结果选择和使用眼睛/面部保护以防止接触。建议采用以下眼/脸保护措施：

Safety Glasses with side shields

带侧护板的安全眼镜

Skin/hand protection 皮肤/手部保护

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

根据当地相关的标准选择和使用手套和/或防护服，以根据曝露评估结果防止皮肤接触。选择应基于使用因素，如曝露水平，物料或混合物的浓度，频率和持续时间，物理挑战性，如极端温度和其他使用条件。请咨询您的手套和/或防护服制造商，以选择合适的兼容手套/防护服。注意：丁腈手套可以戴在聚合物层压手套上以提高灵活性。

Gloves made from the following material(s) are recommended: Polymer laminate

建议使用由以下材料制成的手套：聚合物层压物料

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

如果使用本产品的方式有较高可能的曝露性（例如喷涂，高飞溅电位等），则可能需要使用防护工作服。根据曝露评估结果选择并使用身体防护以防止接触。建议使用以下防护服材料：围裙 - 聚合物层压

Respiratory protection 呼吸系统防护

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

可能需要进行暴露评估以确定是否需要呼吸器。如果需要呼吸器，请使用呼吸器作为全呼吸保护计划的一部分。根据暴露评估结果，从以下呼吸器类型中选择以减少吸入暴露：

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates
半面罩或全面罩空气净化呼吸器，适用于有机蒸气和微粒

For questions about suitability for a specific application, consult with your respirator manufacturer.
有关特定应用的适用性的问题，请咨询您的呼吸器制造商。

SECTION 9: Physical and chemical properties 第9部分：物理和化学特性**9.1. Information on basic physical and chemical properties 有关基本物理和化学特性的信息**

General Physical Form 一般物理形式:	Solid 固体
Specific Physical Form 特定物理形式:	Paste 糊
Odor, Color, Grade 气味, 颜色, 等级:	Cream-colored solid paste 奶油色固体膏
Odor threshold 气味限度	<i>No Data Available 没有可用数据</i>
pH 酸鹼度:	<i>Not Applicable 不适用</i>
Melting point 熔點:	<i>Not Applicable 不适用</i>
Boiling Point 沸點:	>=386 °F
Flash Point 閃點	145 °F
Evaporation rate 蒸發率:	<i>No Data Available 没有可用数据</i>
Flammability (solid, gas) 易燃性(固態, 氣態):	Flammable Solid: Category 1. 第1类易燃固体
Flammable Limits(LEL) 易燃下限:	<i>No Data Available 没有可用数据</i>
Flammable Limits(UEL) 易燃上限:	<i>No Data Available 没有可用数据</i>
Vapor Pressure 蒸汽壓力:	<i>No Data Available 没有可用数据</i>
Vapor Density 蒸汽密度:	<i>No Data Available 没有可用数据</i>
Density 密度:	0.85 g/ml
Specific Gravity 比重:	0.85 [Ref Std 标准: WATER水=1]
Solubility in Water 水溶度:	Nil 零
Solubility- non-water 非水溶度:	<i>No Data Available 没有可用数据</i>
Partition coefficient: n-octanol/ water 分項係數:	<i>No Data Available 没有可用数据</i>
Autoignition temperature 自燃温度:	<i>No Data Available 没有可用数据</i>
Decomposition temperature 分解温度:	<i>No Data Available 没有可用数据</i>
Viscosity 粘性:	>=100 centipoise (厘泊)
Molecular weight 分子量:	<i>No Data Available 没有可用数据</i>
Volatile Organic Compounds 挥发性有机化合物:	24.5 % weight [Test 测试 Method 方法:calculated 计算 per CARB]
Volatile Organic Compounds 挥发性有机化合物:	538 g/l [Test 测试 Method 方法:calculated 计算 : SCAQMD rule 443.1]
VOC Less H2O & Exempt Solvents: VOC减少H2O和豁免溶剂 :	538 g/l [Test 测试 Method 方法:calculated 计算 : SCAQMD rule 443.1]

SECTION 10: Stability and reactivity 第10部分：稳定性和反应性**10.1. Reactivity 反应**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.
在某些条件下，此材料可能会与某些药剂发生反应 - 请参阅本节中的其余标题。

10.2. Chemical stability 化学稳定性

Stable. 稳定

10.3. Possibility of hazardous reactions 可能发生危险反应

Hazardous polymerization will not occur. 不会发生危险的聚合反应。

10.4. Conditions to avoid 要避免的条件

Heat 热

Sparks and/or flames 火花和/或火焰

10.5. Incompatible materials 不相容的材料

Strong acids 强酸

Strong bases 强碱

Strong oxidizing agents 强氧化剂

10.6. Hazardous decomposition products 危险的分解产物

Substance 物质

None known. 未知

Condition 条件

Refer to section 5.2 for hazardous decomposition products during combustion.

有关燃烧过程中危险的分解产物，请参阅第5.2节。

SECTION 11: Toxicological information 第11部分：毒理学信息

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

如果主管当局强制要求特定成分分类，则以下信息可能与第2节中的材料分类不一致。此外，有关成分的毒理学数据可能不会在材料分类和/或暴露的迹象和症状中反映出来，因为一种成分可能预先低于标签的阈值，一种成分可能无法接触，或者数据可能与整个材料无关。

11.1. Information on Toxicological effects 有关毒理学影响的信息**Signs and Symptoms of Exposure 暴露的迹象和症状**

Based on test data and/or information on the components, this material may produce the following health effects:

根据测试数据和/或组件信息，此材料可能会对健康产生以下影响：

Inhalation 吸入:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

呼吸道过敏：症状/体征可能包括咳嗽，打喷嚏，鼻涕，头痛，声音嘶哑，鼻子和喉咙疼痛。

May cause additional health effects (see below). 可能会导致额外的健康影响（见下文）。

Skin Contact 皮肤接触:

May be harmful in contact with skin.

接触皮肤可能有害。

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

轻度皮肤过敏：体征/症状可能包括局部发红，肿胀，瘙痒和干燥。过敏性皮肤反应（非光诱导）：体征/症状可能包括发红，肿胀，起泡和瘙痒。

Eye Contact 眼神接触:

Contact with the eyes during product use is not expected to result in significant irritation.

在产品使用期间与眼睛接触预计不会导致明显的刺激。

Ingestion 吞入:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

胃肠道过敏反应：体征/症状可能包括腹痛，胃部不适，恶心，呕吐和腹泻。

May cause additional health effects (see below).

可能会导致额外的健康影响（见下文）。

Additional Health Effects 额外的健康影响:**Single exposure may cause target organ effects 单次接触可能会导目标器官反应:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

中枢神经系统（CNS）抑郁症：体征/症状可能包括头痛，头晕，嗜睡，不协调，恶心，反应时间减慢，言语不清，眩晕和意识丧失。

Toxicological Data 毒理学数据

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

如果成分在第3节中公开但未出现在下表中，则该端点没有可用数据，或者数据不足以进行分类。

Acute Toxicity 急性毒性

Name 名称	Route 路径	Species 物种	Value 值
Overall product 整体产品	Dermal 皮肤		No data available; calculated (没有可用数据;计算) ATE2,000 - 5,000 mg/kg
Overall product 整体产品	Inhalation- Vapor(4 hr) 吸入 - 蒸气 (4小时)		No data available; calculated (没有可用数据;计算) ATE >50 mg/l
Overall product 整体产品	Ingestion 吞入		No data available; calculated (没有可用数据;计算) ATE >5,000 mg/kg
Petroleum Distillates 石油馏分	Dermal 皮肤	Rabbit 兔	LD50 > 3,160 mg/kg
Petroleum Distillates 石油馏分	Inhalation- Dust/Mist (4 hours) 吸入 - 尘/雾 (4小时)	Rat 鼠	LC50 > 3 mg/l
Petroleum Distillates 石油馏分	Ingestion 吞入	Rat 鼠	LD50 > 5,000 mg/kg
Petroleum Distillates 石油馏分	Dermal 皮肤	Rabbit 兔	LD50 > 2,000 mg/kg
Petroleum Distillates 石油馏分	Ingestion 吞入	Rat 鼠	LD50 > 5,000 mg/kg
Oxidized Polyethylene 氧化聚乙烯	Ingestion 吞入	Rat 鼠	LD50 > 2,500 mg/kg
Carnauba Wax 巴西棕榈蜡	Dermal 皮肤		LD50 estimated to be (估算) > 5,000 mg/kg
Carnauba Wax 巴西棕榈蜡	Ingestion 吞入	Rat 鼠	LD50 > 8,800 mg/kg
Poly (Dimethylsiloxane) 聚(二甲基硅氧烷)	Dermal 皮肤	Rabbit 兔	LD50 > 19,400 mg/kg
Poly (Dimethylsiloxane) 聚(二甲基硅氧烷)	Ingestion 吞入	Rat 鼠	LD50 > 17,000 mg/kg
Paraffin Wax 石蜡	Dermal 皮肤	Rat 鼠	LD50 > 5,000 mg/kg
Paraffin Wax 石蜡	Ingestion 吞入	Rat 鼠	LD50 > 5,000 mg/kg
Petroleum Distillates 石油馏分	Inhalation- Vapor (4 hours) 吸入 - 蒸气 (4小时)		LC50 estimated to be (估算) 20 - 50 mg/l

Petroleum Distillates 石油馏分	Dermal 皮肤	Rabbit 兔	LD50 > 5,000 mg/kg
Petroleum Distillates 石油馏分	Ingestion 吞入	Rat 鼠	LD50 > 5,000 mg/kg
Alpha-Pinene α -蒎烯	Dermal 皮肤	Rat 鼠	LD50 > 2,000 mg/kg
Alpha-Pinene α -蒎烯	Ingestion 吞入	Rat 鼠	LD50 >300, <2,000 mg/kg

ATE = acute toxicity estimate 急性毒性估计

Skin Corrosion/Irritation 皮肤腐蚀/过敏

Name 名称	Species 物种	Value 值
Petroleum Distillates 石油馏分	Rabbit 兔	Mild irritant 轻微的刺激性
Petroleum Distillates 石油馏分	Professional judgement 专业判断	Mild irritant 轻微的刺激性
Oxidized Polyethylene 氧化聚乙烯	Professional judgement 专业判断	No significant irritation 没有明显的刺激
Carnauba Wax 巴西棕榈蜡	Professional judgement 专业判断	No significant irritation 没有明显的刺激

Poly (Dimethylsiloxane) 聚(二甲基硅氧烷)	Rabbit 兔	No significant irritation 没有明显的刺激
Paraffin Wax 石蜡	Rabbit 兔	No significant irritation 没有明显的刺激
Petroleum Distillates 石油馏分	Rabbit 兔	Mild irritant 轻微的刺激性
Alpha-Pinene α -蒎烯	In vitro data 体外数据	Irritant 刺激
Beta-Pinene β -蒎烯	In vitro data 体外数据	Irritant 刺激

Serious Eye Damage/Irritation 严重的眼睛损伤/刺激

Name 名称	Species 物种	Value 值
Petroleum Distillates 石油馏分	Rabbit 兔	Mild irritant 轻微的刺激性
Petroleum Distillates 石油馏分	Professional judgement 专业判断	Mild irritant 轻微的刺激性
Oxidized Polyethylene 氧化聚乙烯	Professional judgement 专业判断	No significant irritation 没有明显的刺激
Carnauba Wax 巴西棕榈蜡	Professional judgement 专业判断	No significant irritation 没有明显的刺激
Poly (Dimethylsiloxane) 聚(二甲基硅氧烷)	Rabbit 兔	No significant irritation 没有明显的刺激
Paraffin Wax 石蜡	Rabbit 兔	No significant irritation 没有明显的刺激
Petroleum Distillates 石油馏分	Rabbit 兔	Mild irritant 轻微的刺激性

Skin Sensitization 皮肤过敏

Name 名称	Species 物种	Value 值
Petroleum Distillates 石油馏分	Guinea pig 豚鼠	Not classified 未分类
Petroleum Distillates 石油馏分	Guinea pig 豚鼠	Not classified 未分类
Paraffin Wax 石蜡	Guinea pig 豚鼠	Not classified 未分类
Petroleum Distillates 石油馏分	Guinea pig 豚鼠	Not classified 未分类
Alpha-Pinene α -蒎烯	Similar compounds 类似化合物	Sensitizing 致敏
Beta-Pinene β -蒎烯	Mouse 老鼠	Sensitizing 致敏

Respiratory Sensitization 呼吸过敏

For the component/components, either no data are currently available or the data are not sufficient for classification.
对于成分，要么当前没有数据可用，要么数据不足以进行分类。

Germ Cell Mutagenicity 生殖细胞致突变性

Name 名称	Route 路径	Value 值
Petroleum Distillates 石油馏分	In Vitro 体外	Not mutagenic 没有诱变
Petroleum Distillates 石油馏分	In Vitro 体外	Not mutagenic 没有诱变
Paraffin Wax 石蜡	In Vitro 体外	Not mutagenic 没有诱变
Petroleum Distillates 石油馏分	In Vitro 体外	Not mutagenic 没有诱变
Petroleum Distillates 石油馏分	In vivo 体外	Not mutagenic 没有诱变

Carcinogenicity

Name 名称	Route 路径	Species 物种	Value 值
Petroleum Distillates 石油馏分	Dermal 皮肤	Mouse 老鼠	Some positive data exist, but the data are not sufficient for classification 存在一些积极的数据，但数据不足以进行分类
Petroleum Distillates 石油馏分	Dermal 皮肤	Mouse 老鼠	Some positive data exist, but the data are not sufficient for classification 存在一些积极的数据，但数据不足以进行分类
Paraffin Wax 石蜡	Ingestion 吞入	Rat 鼠	Not carcinogenic 不致癌
Petroleum Distillates 石油馏分	Not Specified 未标明	Not available 无法使用	Not carcinogenic 不致癌

Reproductive Toxicity 生殖毒性**Reproductive and/or Developmental Effects 生殖和/或发育影响**

Name 名称	Route 路径	Value 值	Species 物种	Test Result 测试结果	Exposure Duration 暴露持续时间
Petroleum Distillates 石油馏分	Not Specified 未标明	Not classified for female reproduction 不就女性生殖分类	Rat 鼠	NOAEL NA 无资料	prematuring & during gestation 预备和妊娠期间
Petroleum Distillates 石油馏分	Not Specified 未标明	Not classified for male reproduction 不就男性生殖分类	Rat 鼠	NOAEL NA 无资料	28 days (天)
Petroleum Distillates 石油馏分	Not Specified 未标明	Not classified for development 不就发育期分类	Rat 鼠	NOAEL NA 无资料	During gestation 在怀孕期间

Target Organ(s) 目标器官**Specific Target Organ Toxicity - single exposure 特定目标器官系统毒性物质 - 单一暴露**

Name 名称	Route 路径	Target Organ(s) 目标器官	Value 值	Species 物种	Test Result 测试结果	Exposure Duration 暴露持续时间
Petroleum Distillates 石油馏分	Inhalation 吸入	central nervous system depression 中枢神经系统抑郁症	May cause drowsiness or dizziness 可能引起嗜睡或头晕	Human and animal 人与动物	NOAEL Not Available NOAEL无资料	
Petroleum Distillates 石油馏分	Inhalation 吸入	respiratory irritation 呼吸道刺激	Some positive data exist, but the data are not sufficient for classification 存在一些积极的数据，但数据不足以进行分类		NOAEL Not Available NOAEL无资料	
Petroleum Distillates 石油馏分	Ingestion 吞入	central nervous system depression 中枢神经系统抑郁症	May cause drowsiness or dizziness 可能引起嗜睡或头晕	Professional Judgement 专业判断	NOAEL Not available NOAEL无资料	
Petroleum Distillates 石油馏分	Inhalation 吸入	central nervous system depression 中枢神经系统抑郁症	May cause drowsiness or dizziness 可能引起嗜睡或头晕	Human and Animal 人与动物	NOAEL Not Available NOAEL无资料	
Petroleum Distillates 石油馏分	Inhalation 吸入	respiratory irritation 呼吸道刺激	Some positive data exist, but the data are not sufficient for classification 存在一些积极的数据，但数据不足以进行分类		NOAEL Not Available NOAEL无资料	

Petroleum Distillates 石油馏分	Ingestion 吞入	central nervous system depression 中枢神经系统抑郁症	May cause drowsiness or dizziness 可能引起嗜睡或头晕	Professional judgement 专业判断	NOAEL Not Available NOAEL无资料
Petroleum Distillates 石油馏分	Inhalation 吸入	central nervous system depression 中枢神经系统抑郁症	May cause drowsiness or dizziness 可能引起嗜睡或头晕	Human and animal 人与动物	NOAEL NA NOAEL无资料
Petroleum Distillates 石油馏分	Ingestion 吞入	central nervous system depression 中枢神经系统抑郁症	May cause drowsiness or dizziness 可能引起嗜睡或头晕	Professional judgement 专业判断	NOAEL Not Available NOAEL无资料

Specific Target Organ Toxicity - repeated exposure 特定目标器官系统毒性物质 - 反复接触

Name 名称	Route 路径	Target Organ(s) 目标器官	Value 值	Species 物种	Test Result 测试结果	Exposure Duration 暴露持续时间
Paraffin Wax 石蜡	Ingestion 吞入	Heart 心	Some positive data exist, but the data are not sufficient for Classification 存在一些积极的数据，但数据不足以进行分类	Rat 鼠	NOAEL 15 mg/kg/day	90 days 90天
Paraffin Wax 石蜡	Ingestion 吞入	hematopoietic system liver immune system skin endocrine system bone, teeth, nails, and/or hair muscles nervous system eyes kidney and/or bladder respiratory system vascular system 造血系统 肝脏 免疫系统 皮肤 内分泌系统 骨头，牙齿，指甲和/或头发 肌肉 神经系统 眼睛 肾和/或膀胱 呼吸系统 血管系统	Not classified 未分类	Rat 鼠	NOAEL 1,500 mg/kg/day	90 days 90天

Aspiration Hazard 吸入危害

Name 名称	Value 值
Petroleum Distillates 石油馏分	Aspiration hazard 吸入危害
Petroleum Distillates 石油馏分	Aspiration hazard 吸入危害
Petroleum Distillates 石油馏分	Aspiration hazard 吸入危害
Alpha-Pinene α-蒎烯	Aspiration hazard 吸入危害
Beta-Pinene β-蒎烯	Aspiration hazard 吸入危害

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

请联系SDS首页上列出的地址或电话号码，以获取有关此材料和/或其成分的其他毒理学信息。

SECTION 12: Ecological information 第12部分：生态信息

Ecotoxicological information 生态毒理学资料

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

请联系SDS首页上列出的地址或电话号码，以获取有关此材料和/或其成分的其他生态毒理学信息。

Chemical fate information 化学命运信息

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

请联系SDS首页上列出的地址或电话号码，以获取有关此材料和/或其成分的其他化学命运信息。

SECTION 13: Disposal considerations 第13部分：废弃处置考虑因素

13.1. Disposal methods 处置方法

Dispose of contents/ container in accordance with the local/regional/national/international regulations.
根据当地/地区/国家/国际法规处置内容物/容器。

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

在认可的废物焚烧设施中焚烧。作为处置替代方案，使用可接受的认可废物处置设施。用于运输和处理危险化学品的空桶/桶/容器（根据适用法规分类为危险的化学物质/混合物/制剂）应作为危险废物进行考虑，储存，处理和处置，除非适用的废物法规另有规定。咨询各自的管理机构，以确定可用的处理和处置设施。

SECTION 14: Transport Information 第14部分：运输信息

DOTG:

LIMITED QUANTITY 数量有限

DOTW:

UN1325, FLAMMABLE SOLID 易燃固体, ORGANIC 有机物, N.O.S., (PETROLEUM DISTILLATES 石油馏分, HYDROTREATED LIGHT 加氢光), 4.1, II, LIMITED QUANTITY 数量有限

IATA:

UN1325, FLAMMABLE SOLID 易燃固体, ORGANIC 有机物, N.O.S., (PETROLEUM DISTILLATES 石油馏分, HYDROTREATED LIGHT 加氢光), 4.1, II

IMO:

UN1325, FLAMMABLE SOLID 易燃固体, ORGANIC 有机物, N.O.S., (PETROLEUM DISTILLATES 石油馏分, HYDROTREATED LIGHT 加氢光), 4.1, II, LIMITED QUANTITY 数量有限

SECTION 15: Regulatory information 第15部分：监管信息

15.1. US Federal Regulations 美国联邦法规

Contact manufacturer for more information 联系制造商了解更多信息

EPCRA 311/312 Hazard Classifications 危险品分类：**Physical Hazards 物理性危害**

Flammable (gases, aerosols, liquids, or solids) 易燃（气体，气雾剂，液体或固体）

Health Hazards 健康危害

Respiratory or Skin Sensitization 呼吸或皮肤过敏

Specific target organ toxicity (single or repeated exposure) 特定目标器官系统毒性物质（单次或重复暴露）

15.2. State Regulations 国家条例

Contact manufacturer for more information 联系制造商了解更多信息

15.3. Chemical Inventories 化学品库存

The components of this product are in compliance with the chemical notification requirements of TSCA. One or more of the components in this material is not listed on the TSCA inventory, but is approved for specific commercial use(s) under a US EPA low volume exemption.

本产品的成分符合TSCA的化学通知要求。该材料中的一种或多种成分未列入TSCA清单，但根据美国环保署的低量豁免批准用于特定商业用途。

Contact manufacturer for more information 联系制造商了解更多信息

15.4. International Regulations 国际法规

Contact manufacturer for more information 联系制造商了解更多信息

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.
 此SDS以符合美国OSHA危害通信标准，29 CFR 1910.1200而准备。

SECTION 16: Other information 第16部分：其他信息**NFPA Hazard Classification 危害分类****Health 健康: 2 Flammability 易燃: 2 Instability 不稳定性: 0 Special Hazards 特殊危害: None 没有**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

美国国家消防协会（NFPA）的危险等级旨在供应给应急人士使用，以解决在火灾，泄漏或类似紧急情况下，短期，急性接触材料所带来的危害。危险等级主要基于材料固有的物理和毒物特性，但也包括已知大量产生的燃烧或分解产物的毒性。

Issue Date 发行日期: 08/29/18**Supersedes Date 取代日期:** 12/27/17

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