

Safety Data Sheet 安全数据表

420 TraSys® Mold Release

Stoner

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1. IDENTIFICATION 鑑定

Stoner Incorporated 1070 Robert Fulton Hwy. Quarryville, PA 17566 1-800-227-5538	Product Name 產品名稱: TraSys® Mold Release 脫模劑 Product Code 產品編碼: 420 Product Use 產品用途: Mold Release 脫模劑 24-hour 小時緊急電話: 1-800-424-9300 [CHEMTREC]
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2. HAZARD IDENTIFICATION 危害識別

POTENTIAL HEALTH EFFECTS 對健康的潛在影響

Classification of the chemical in accordance with paragraph (d) of §1910.1200 (按照1910.1200 (d) 段的化學分類);

GHS Hazard Symbols
危險品標誌



GHS Classification GHS分類

Reproductive Toxicity Category 2
生殖毒性 - 第2類

Signal Word 信號詞

Warning 警告

Hazard Statements 危險說明

Suspected of damaging fertility or the unborn child.
懷疑對生育力或未出生的孩子造成破壞。

Precautionary Statements 防範說明

Prevention 預防

Obtain special instructions before use.
使用前獲取特殊說明
Do not handle until all safety precautions have been read and understood.
在閱讀並理解所有安全預防措施之前，請勿進行操作。
Wear protective gloves/protective clothing/eye protection/face protection.
戴防護手套/穿防護服/戴防護眼罩/戴防護面具

Response 反應

IF exposed or concerned: Get medical advice/attention.
如果接觸或擔心：尋求醫療建議/就診。

Storage 存儲

Store locked up.
存倉鎖好

Disposal 處置

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.
根據適用的當地/地區/國家/國際法規處置內容物/容器。

3. COMPOSITION/INFORMATION ON INGREDIENTS 組成/成分

COMPONENT 成分	CAS #	Percent 百分比
Octamethylcyclotetrasiloxane 八甲基環四矽氧烷	556-67-2	0.1- 0.99

HMIS® III* HAZARDOUS WARNINGS 危險警告:

Health(健康):2 Flammability(易燃):1 Physical(物理):0 Personal Protective Equipment: See Section 8 個人保護設備: 參見第8節

* See www.paint.org/hmis or call the ACA at 1 (202) 462-6272 for more information on this current rating system.

*請參閱www.paint.org/hmis或致電ACA 1 (202) 462-6272查詢更多有關目前的評級系統信息。

4. FIRST AID MEASURES 急救措施

Eyes(眼睛): Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.
立即用大量水沖洗眼睛至少15分鐘，同時將眼瞼分開。如果症狀持續或有視力障礙，請就醫。

Skin Contact:
(皮膚接觸) In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.
如接觸，立即用大量清水沖洗污染區域至少15分鐘。如果症狀持續，請尋求醫療救助。重新使用前請洗滌衣物。

Ingestion:
(吞入) Contact a physician, medical facility, or poison control center for advice on whether to induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing.
請聯系醫師，醫療機構或中毒控制中心，以獲取有關是否引發嘔吐的建議。如果受害者迅速失去知覺或失去知覺或抽搐，切勿通過口吃任何東西。

Inhalation:
(吸入) Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
移到新鮮空氣處。如呼吸停止，立即進行人工呼吸。如呼吸困難，給輸氧。

NOTES TO PHYSICIAN醫護人員須知:

Treatment is symptomatic and supportive. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: kidney;

治療是對症治療和支持性治療。暴露於該物質下會加劇以下器官（或器官系統）的先前存在的疾病：腎臟；

5. FIRE FIGHTING MEASURES 消防措施

Fire and/or Explosion Hazards:

火災和/或爆炸危險:

Product is a water base material and is not ignitable. Hazardous decomposition products may be formed (see Sec.10). Product is water based material, containing minor amounts of combustible ingredients.

產品是水基材料，不可點燃。可能形成危險的分解產物（請參閱第10節）。產品為水基材料，含有少量可燃成分。

Fire Fighting Instructions:

消防指示:

Use water spray, foam, dry chemical, or CO₂. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

使用噴水，泡沫，干粉或二氧化碳。水通常無效，可能會着火；但是，可以從安全距離使用噴水器來冷卻密封的容器並保護周圍區域。消防人員應穿戴正常的防護設備和正壓自給式呼吸器。

6. ACCIDENTAL RELEASE MEASURES 意外洩漏應急處理

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED 洩漏或灑出化學物應採取處理的步:

Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Ventilate contaminated area. If runoff occurs, notify authorities as required.

穿戴適當的個人防護設備（PPE）。如果可以安全地停止或減少排放。避免流入下水道和溝渠，以免形成天然水道。用吸收性材料清理。將吸收性材料放入容器中並緊密封閉。正確處理容器。除去所有火源。用惰性材料（例如干沙或泥土）吸收溢出色，然後將其放入化學廢物容器中。給受污染的区域通风。如果发生径流，请根据需要通知当局。

7. HANDLING AND STORAGE 處理和儲存

Handling:

處理

Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Wash hands thoroughly after handling.

在處理和儲存時，應遵循安全生產慣例共有的常規預防措施。避免接觸眼睛。避免長時間或反復接觸皮膚。避免長時間或反復呼吸蒸氣。處理後要徹底洗手。

Storage:

儲存:

Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

不使用时，保持容器密封。存放在阴凉，干燥，通风良好的地方，远离所有火源。应遵循安全生產慣例共有的常規預防措施。远离不相容的材料，例如支持燃燒的材料（氧化性材料）和腐蝕性材料（強酸或強鹼）。

8. EXPOSURE CONTROLS / PERSONAL PROTECTION 個人防護處理

Engineering Controls:

工程控制

Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects).

通风应足够防止暴露在SDS本节以下指示的限制范围内（已知，怀疑或明显的不良影响）。

Eye Protection:

眼睛防護

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

處理本產品時佩戴帶有側護板的耐化學品安全眼鏡。當可能存在與飛濺或噴灑液體或空氣傳播物質的眼睛接觸的可能性時，戴上額外的護目鏡，如化學防濺眼鏡和/或面罩。需有洗眼台可用。

Skin Protection:

皮膚防護

The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

如果長期或反復與皮膚接觸的液體有可能，建議使用耐化學手套。

Respiratory Protection:

呼吸道防護

If respiratory irritation develops below the recommended exposure limits, use an NIOSH/MSHA approved respirator. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

如果呼吸刺激低於建議的暴露極限，請使用經NIOSH / MSHA認可的呼吸器。如果濃度高於通過空氣採樣確定的建議限或未知，應佩戴適當的呼吸防護裝置。遵守OSHA呼吸器法規，並使用NIOSH / MSHA認可的呼吸器。

COMPONENT 成分

Octamethylcyclotetrasiloxane
八甲基環四硅氧烷

CAS

556-67-2

ACGIH TLV

Not established
沒有建立

OSHA PEL

Not established
沒有建立

OTHER 其他

Not established
沒有建立

9. PHYSICAL AND CHEMICAL PROPERTIES 物理和化學特性

Physical State 物理狀態:

Bulk liquid 散裝液體

Lower Flammability Limit (%) 易燃下限: Not applicable 不適用

Appearance 外觀:

White to off-white 白色到米白色 Upper Flammability Limit (%) 易燃上限: Not applicable 不適用

Odor 氣味:

None to very faint 沒有到微弱 Vapor Pressure (PSIG @ 70°F) 蒸汽壓力: 0.36

Odor Threshold 氣味限度:	None 没有	Vapor Density [air = 1] 蒸氣密度:	1.03
pH 酸鹼度:	Not applicable 不适用	Relative Density (H2O=1) 相對密度:	1
Melting/Freezing Point (°F) 熔點/冰點:	32	Solubility in Water 水中的溶解度:	Dispersible in water 易溶于水.
Boiling Point (°F) 沸點:	212.0	Partial Coefficient 分項係數: n-octanol/water: 辛醇/水	No data available 没有可用数据
Flash Point (°F PMCC) 閃點:	420.8	Autoignition Temperature (°F) 自燃溫度:	Not applicable 不适用
Evaporation Rate 蒸發率:	Not determined 尚未确定	Decomposition Temperature (°F) 分解溫度:	No data available 没有可用数据
Flammability (solid, gas):	No data available 没有可用数据	Viscosity, dynamic (cSt) 黏度, 動態:	No data available 没有可用数据
Percent VOCs (%) 揮發性有機化合物百分比: 0.01 - 0.1			

10. STABILITY AND REACTION 穩定性和反應

Chemical Stability:	Stable.
化學穩定性	穩定
Conditions to Avoid: 避免接觸的條件:	Avoid contact with: Extreme temperatures and direct sunlight. Oxidizers. Strong acids. Strong bases. Strong oxidizing agents. 避免接觸: 极端温度和直射阳光。强酸。强碱。强氧化剂。
Decomposition Products: 分解產物:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Sulfur Compounds. Formaldehyde. When heated to temperatures above 150°C in the presence of air, one of the ingredients in this product can form formaldehyde vapors. Formaldehyde vapor is harmful by inhalation; irritating to eyes; sensitizer to the respiratory system; an acute toxicant and a potential cancer hazard at concentrations greater than 0.75 ppm. 燃烧会产生以下燃烧产物: 二氧化碳和一氧化碳。硫化物。甲醛。在空气中加热到150°C以上时, 该产品中的一种成分会形成甲醛蒸气。吸入甲醛蒸气有害。刺激眼睛; 对呼吸系统致敏; 浓度大于0.75 ppm时, 会产生急性毒性和潜在的癌症危害。

11. TOXICOLOGICAL INFORMATION 毒理學資料

Reproductive & Developmental Toxicity:	No data available.	
繁殖與毒性發展	無可用數據	
IARC Carcinogen Designation:	No data available	
IARC 致癌物質名稱:	無可用數據	
Ingredient 成分	CAS #	Toxicological Data 毒理學數據
Octamethylcyclotetrasiloxane	556-67-2	Dermal 真皮 LD50 Rabbit 兔子 794 UL/KG
八甲基环四硅氧烷		Dermal 真皮 LD50 Rat 鼠 1770 mg/kg
		Oral 口服 LD50 Rat 鼠 1540 mg/kg
		Inhalation 吸入 LC50 Rat 鼠 36 GM/M3

12. ECOLOGICAL INFORMATION 生態資料

Ecological Toxicity(生態毒性): No data available 無可用數據
Mobility(移動性): No data available 無可用數據
Degradability(可降解性): No data available. 無可用數據

Ingredient

Water based emulsion
水性乳液

CAS

Mixture
混合物

Toxicological Data 毒理學數據

No data available 無可用數據
48HR EC50 Daphnia水蚤 0.97 mg/L
No data available 無可用數據

13. DISPOSAL CONSIDERATIONS 廢棄處置

Disposal : Dispose according to Federal, State and local regulations.
廢棄: 根據聯邦，州和地方法規進行處理。

14. TRANSPORTATION INFORMATION 運送資料

Agency 項目	UN Number UN 編號	Proper Shipping name 正確運輸名稱	Hazard Class 危險等級	Packing Group 包裝
DOT		Not regulated by agency 不受代理商監管		
IATA		Not regulated by agency 不受代理商監管		
IMDG		Not regulated by agency 不受代理商監管		

15. REGULATORY INFORMATION 不受代理商監管

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

警告：本产品包含下列化学物质，符合下列监管机构的报告要求：

COMPONENT 成分	CAS #	% BY WEIGHT 重量	Regulatory Body 監管機構
No components listed in this section. 在本節中沒有列出的成分			SARA Section 313

All components of this product are listed on the TSCA inventory. 本產品的所有成分都列在TSCA清單中。

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.

產品不含加州65號提案中會導致癌症，出生缺陷或其他生殖傷害的成分。

16. OTHER INFORMATION 其他信息

Other Information 其他信息 : SDS Prepared by L. Dean Swartz, SDS Coordinator SDS由SDS协调员 L. Dean Swartz 编写

Version Date 版本日期: 05/09/19

This information contained in this SDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.

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