

Safety Data Sheet

安全数据表

P229 PolyIso Release™

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Stoner

1. IDENTIFICATION 鑑定

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566
1-800-227-5538

Product Name 產品名稱: PolyIso Release™
Product Code 產品編碼: P229
Product Use 產品編號: Mold Release 脫模劑
24 小時緊急電話: 1-800-424-9300 [CHEMTREC]

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: Serious Eye Damage/Eye Irritation Category 2A
严重损害/刺激眼睛类别 2A

Signal Word

信號詞: Warning 警告

Hazard Statements

危險說明: Causes serious eye irritation.
严重刺激眼睛

Precautionary Statements 防範說明

Prevention 預防

P264 - Wash thoroughly after handling.
P264 - 处理后彻底清洗。
Wear protective gloves/protective clothing/eye protection/face protection.
戴防护手套/穿防护服/戴防护眼罩/戴防护面具。

Response 反應

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
如进入眼睛：用水小心冲洗几分钟。取下隐形眼镜（如有且易于取下）。继续冲洗。
If eye irritation persists: Get medical advice/attention.
如果刺激持续：盡快获得医疗建议/注意。

3. COMPOSITION/INFORMATION ON INGREDIENTS 組成/成分

COMPONENT 成分	CAS#	Percent 百分比
Polydimethylsiloxane emulsion 聚二甲基硅氧烷乳液	102782-92-3	1-20
Ethoxylated octylphenol, branched 乙氧基化辛基酚，支链	9002-93-1	1-20

HMIS® III* HAZARDOUS WARNINGS 危險警告:

Health(健康): 1 Flammability(易燃): 0 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 NPCA 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):	No harmful effects expected. 沒有预期的有害影響。
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:

No additional first aid information available. 沒有額外的急救信息。

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. 產品是水基材料，不可燃。
Fire Fighting Instructions 消防指示:	Use water spray, foam, dry chemical, or CO2. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. 使用噴水，泡沫，干化學品或二氧化碳。消防員應穿戴正常的防護設備和正壓自給式呼吸器。

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驟:

Avoid run-off into storm sewers and ditches which may lead to natural waterways. Stop or reduce discharge if it can be done safely. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE).

避免流入引向天然水源的排洪下水道和溝渠。如果可以，安全地制止或減少排放。用吸收物料清潔。將吸收物料放入容器中并緊緊關閉。妥善處理容器。除去所有火源。穿戴適當的個人防護裝備（PPE）。

7. HANDLING AND STORAGE 處理和儲存

Handling 處理:	Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling. Avoid contact with eyes. 避免長時間或反復接觸皮膚。處理後徹底洗手。避免接觸眼睛。
Storage 儲存:	Keep container tightly closed when not in use. Store in a cool dry place. Keep from freezing. 不使用时，請保持容器密閉。存放在陰涼，乾燥的地方。防止凍結。

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

Engineering Controls 工程控制:	General room ventilation might be required to maintain operator comfort under normal conditions of use. 在正常使用條件下，可能只需要一般通風房間以保持操作員的舒適度。
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:	No respiratory protection required under normal conditions of use. 在正常使用條件下不需要呼吸保護。

COMPONENT 成分	CAS#	ACGIH TLV	OSHA PEL	OTHER 其他
Polydimethylsiloxane emulsion 聚二甲基硅氧烷乳液	102782-92-3	Not established 没有建立	Not established 没有建立	Not established 没有建立
Ethoxylated octylphenol, branched 乙氧基化辛基酚，支链	9002-93-1	Not established 没有建立	Not established 没有建立	Not established 没有建立

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

Physical State: 物理狀態	Bulk liquid 散装液体	Lower Flammability Limit (%): 易燃下限	Not applicable 不适用
Appearance: 外觀	Milky White 乳白色	Upper Flammability Limit (%): 易燃上限	Not applicable 不适用
Odor: 氣味	None to very faint 没有至非常微弱	Vapor Pressure (PSIG @ 70°F): 蒸汽壓力	No data available 没有可用数据
Odor Threshold: 氣味限度	None 没有	Vapor Density [air = 1]: 蒸氣密度	>1
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	No data available 没有可用数据	Solubility in Water: 水中的溶解度	Dispersible in water. 可分散于水中。
Boiling Point (°F): 沸點	No data available 没有可用数据	Partial Coefficient: n- 分項係數	No data available 没有可用数据
Flash Point (°F PMCC): 閃點	Not determined 没有可用数据	octanol/water: 辛醇/水	
Evaporation Rate: 蒸發率	Not determined 没有可用数据	Autoignition Temperature (°F): 自燃溫度	Not applicable 不适用
Flammability (solid, gas): 易燃性(固態，氣態)	No data available 没有可用数据	Decomposition Temperature (°F): 分解溫度:	No data available 没有可用数据
Percent VOCs (%): 揮發性有機化合物百分比	< 0.0001	Viscosity, dynamic (cSt): 黏度，動態	No data available 没有可用数据

10. STABILITY AND REACTION 穩定性和反應

Chemical Stability

化學穩定性: Stable. 穩定

Conditions to Avoid

避免接觸的條件: None known.
没有人知道

Decomposition Products:

分解產物

Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Silicon dioxide. 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. Oxides of siloxanes.

燃燒可產生以下燃燒產物：二氧化碳和一氧化碳。二氧化硅。甲醛。当在空气存在下加热至高于 150°C 的温度时，该产品中的一种成分可形成甲醛蒸气。甲醛蒸气吸入有害；刺激眼睛；对呼吸系统敏感；浓度大于 0.75 ppm 时的急性毒物和潜在的癌症危害。硅氧烷的氧化物。

11. TOXICOLOGICAL INFORMATION 毒理學資料

Reproductive & Developmental Toxicity
繁殖與毒性發展: No data available 無可用數據

IARC Carcinogen Designation:

IARC 致癌物質名稱: No data available 無可用數據

Ingredient 成分

Ethoxylated octylphenol, branched
乙氧基化辛基酚，支链

CAS #

9002-93-1

Toxicological Data 毒理學數據

ORAL (口服) LD50 Rat (鼠) 1800 mg/kg

ORAL (口服) LD50 Rat (鼠) 1900 mg/kg

ORAL (口服) LD50 Rat (鼠) 3800 mg/kg

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

Ingredient 成分

Ethoxylated octylphenol, branched
乙氧基化辛基酚，支链

CAS #

9002-93-1

Toxicological Data 毒理學數據

No data available 無可用數據

96H LC50 DAPHNIA MAGNA (大型水蚤) 35.2 ul/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 監管信息

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

Toxic Substances Control Act 有毒物質控制法案

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。

California Prop 65 加州 65 號提案

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.
本產品不含加州 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

Version Date 版本日期: 01/03/18

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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