

FR145/G522 Releasomers Craylube Mold Release

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1. IDENTIFICATION 鉴定

Stoner Incorporated 1070 Robert Fulton Hwy. Quarryville, PA 17566 1-800-227-5538	Product Name 产品名称: Product Code 产品编号: Product Use 产品用途: 24 小时紧急电话:	Releasomers Craylube Mold Release FR145/G522 Mold Release 脱模剂 1-800-424-9300 [CHEMTREC]
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2. HAZARD IDENTIFICATION 危害识别

POTENTIAL HEALTH EFFECTS 对健康的潜在影响

Classification of the chemical in accordance with paragraph (d) of §1910.1200; 按照1910.1200 (d) 段的化学分类

GHS Hazard Symbols
危险品标志



GHS Classification
GHS分类

Serious Eye Damage/Eye Irritation Category 1
严重眼损伤/眼刺激类别1
Reproductive Toxicity Category 2
生殖毒性类别2

Signal Word
信号词

Danger 危險

Hazard Statements
危险说明

Causes serious eye damage.
造成严重眼损伤
Suspected of damaging fertility or the unborn child
怀疑对生育能力或未出生的孩子有害

Precautionary Statements 防范说明

Prevention
预防

Obtain special instructions before use
使用前获取特别说明
Do not handle until all safety precautions have been read and understood
在阅读并理解所有安全预防措施之前，请勿使用
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
反应

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，并易于取下）。继续冲洗
IF exposed or concerned: Get medical advice/attention.
如果暴露或担心：获得医疗建议/注意。
P310 - Immediately call a poison center, doctor or medical center.
P310 - 立即呼叫毒物中心，医生或医疗中心。

Storage
存储

Store locked up.
锁好存倉

Disposal
处置

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.
根据危险废物的当地/地区/国家/国际法规处置内容物/容器。

3. COMPOSITION/INFORMATION ON INGREDIENTS 組成/成分

COMPONENT 成分	CAS #	Percent 百分比
Water based emulsion 水基乳液	Mixture 混合物	20 - 40
Octamethylcyclotetrasiloxane 甲基环四硅氧烷	556-67-2	0.1- 0.99

HMIS® III* HAZARDOUS WARNINGS 危险警告:

Health 健康: 2 Flammability 易燃: 0 Physical 物理: 0 Personal Protective Equipment: See Section 8
个人保护设备: 参见第8节

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

*请参阅www.paint.org/hmis或致电NPCA 1 (202) 462-6272查询更多有关目前的评级系统信息。

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.

立即用大量清水轻轻冲洗眼睛至少15分钟, 同时保持眼睑分开。如果症状持续存在或有视觉障碍, 请就医。

Skin Contact

皮肤接触: 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.

如触碰到, 立即用大量清水冲洗污染区域至少15分钟。如果症状持续, 请寻求医疗救助。使用前重新洗涤衣物。

Ingestion

食入: Do not induce vomiting unless instructed by a physician. Seek medical attention.

除非医生指示, 否则不要催吐。寻求医疗救助。

Inhalation

吸入: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

移到新鲜空气处。如呼吸停止, 立即进行人工呼吸。如呼吸困难, 给输氧。

NOTES TO PHYSICIAN 医护人员须知:

Treatment is symptomatic and supportive.

治疗是对症和支持性的。

5. FIRE FIGHTING MEASURES 消防措施

Fire and/or Explosion Hazards

火灾和/或爆炸危险: Product is a water base material and is not ignitable.

产品是水基材料, 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. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.

使用喷水, 泡沫, 干化学品或二氧化碳。消防员应穿戴正常的防护设备和正压自给式呼吸器。不要将固体水流或泡沫引入热燃烧池, 这可能会导致起泡并增加火灾强度。

6. ACCIDENTAL RELEASE MEASURES 意外泄漏应急处理

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED 处理泄漏或溅出化学物应采取的步骤:

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. Ventilate contaminated area. Remove all sources of ignition.

穿戴适当的个人防护装备(PPE)。如果可以安全地停止或减少排放。避免流入排走暴雨用, 引向天然水道的下水道和沟渠。用吸收材料清洁。将吸收材料放入容器中并紧紧关闭。妥善处理容器。通风污染区域。除去所有火源。

7. HANDLING AND STORAGE 处理和存储

Handling

处理: Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Wash hands thoroughly after handling.

避免接触眼睛。避免长时间或反复接触皮肤。避免长时间或反复呼吸蒸气。处理后彻底洗手。

Storage

存储: Keep container tightly closed when not in use. Store in a cool dry place. Keep from freezing.

不使用时, 请保持容器密闭。存放在阴凉干燥的地方。防止冻结。

8. EXPOSURE CONTROLS / PERSONAL PROTECTION 个人防护处理

Engineering Controls

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

通风应足以防止暴露超出本节MSDS下面所述的限值(来自已知, 可疑或明显的不良反应)

Eye Protection

眼睛防护:

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.

处理本产品时，请佩戴带有侧护板的耐化学腐蚀安全眼镜。当眼睛接触飞溅或喷洒液体或空气传播材料时，请佩戴额外的眼睛保护装置，如化学防溅护目镜和/或面罩。需有一个洗眼台可用。

Skin Protection

皮肤防护:

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

如果液体长期或反复接触皮肤，建议使用耐化学手套。

Respiratory Protection

呼吸系统防护:

If respiratory irritation develops below the recommended exposure limits, use an NIOSH/MSHA approved respirator. No respiratory protection required under normal conditions of use.

如果呼吸道刺激低于建议的接触限值，请使用NIOSH / MSHA批准的呼吸器。在正常使用条件下不需要呼吸保护。

COMPONENT 成分

water based emulsion

水基乳液

Octamethylcyclotetrasiloxane

甲基环四硅氧烷

CAS #

Mixture

混合物

556-67-2

ACGIH TLV

Not established

未建立

Not established

未建立

OSHA PEL

Not established

未建立

Not established

未建立

OTHER 其他

Not established

未建立

Not established

未建立

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

Physical State:	Bulk liquid	Lower Flammability Limit (%):	Not applicable
物理状态	散装液体	可燃性下限	不适用
Appearance:	White to off-white Milky White	Upper Flammability Limit (%):	Not applicable
外观	白色至米白色乳白色	可燃性上限	不适用
Odor:	Characteristic	Vapor Pressure (PSIG @ 70°F):	No data available
气味	特别	蒸汽压力	没有可用数据
Odor Threshold:	Mild	Vapor Density [air= 1]:	Not applicable
气味阈值	温和	蒸气密度	不适用
pH:	6.5 - 9	Relative Density (H2O=1):	0.94
酸碱度		相对密度	
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Dispersible in water
融化/凝固点	没有可用数据	在水中的溶解度	可分散于水中
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
沸点	没有可用数据	部分系数：正辛醇/水	没有可用数据
Flash Point (°F PMCC):	Not applicable	Autoignition Temperature (°F):	Not applicable
闪点	不适用	自燃温度	不适用
Evaporation Rate:	Not determined	Decomposition Temperature (°F):	No data available
蒸发率	尚未确定	分解温度	没有可用数据
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
易燃性（固体，气体）	没有可用数据	粘度，动态	没有可用数据
Percent VOCs (%)			
VOC含量百分比:	0.1- 0.99		

10. STABILITY AND REACTION 稳定性和反应

Chemical Stability

化学稳定性: Stable 稳定.

Conditions to Avoid 要避免的条件:

Avoid contact with: Oxidizers. Strong acids.
避免接触: 氧化剂。强酸。

Decomposition Products

分解产物:

Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Acrylic Polymers.
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. Sulfur Compounds. Formaldehyde.
燃烧可产生以下燃烧产物: 二氧化碳和一氧化碳。丙烯酸聚合物。
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。硫化化合物。甲醛。

11. TOXICOLOGICAL INFORMATION 毒理学资料

Reproductive & Developmental Toxicity

No data available 没有可用数据

生殖和发育毒性:

IARC Carcinogen Designation:

No data available 没有可用数据

IARC致癌物指定:

Ingredient 成分

Octamethylcyclotetrasiloxane 甲基环四硅氧烷 CAS # 556-67-2

Toxicological Data 毒理学数据

Dermal (皮肤的) LD50 Rabbit (兔子) 794 UL/KG

Dermal (皮肤的) LD50 Rat (鼠) 1770 mg/kg

Oral (口) LD50 Rat (鼠) 1540 mg/kg

INHALATION (吸入) LC50 Rat (鼠) 36 GM/M3

12. ECOLOGICAL INFORMATION 生态学信息

Ecological Toxicity:

No ecological information available.

生态毒性

没有生态信息。

Mobility:

No data available

流动性

没有可用数据

Degradability:

No data available

降解性:

没有可用数据

Ingredient 成分

Water based emulsion 水基乳液 CAS # Mixture 混合物

Toxicological Data 毒理学数据

No data available 没有可用数据

48HR EC50 Daphnia 水蚤 0.97 mg/L

No data available 没有可用数据

13. DISPOSAL CONSIDERATIONS 废弃处置

Disposal: Dispose according to Federal, State and local regulations.

处置 根据联邦, 州和当地法规处理。

14. TRANSPORTATION INFORMATION 运输信息

Agency 项目	UN Number 联合国编号	Proper Shipping name 正确的运输名称	Hazard Class 危险等级	Packing Group 包装组别
DOT		Not regulated by agency 不受代理商监管		
IATA		Not regulated by agency 不受代理商监管		
IMDG		Not regulated by agency 不受代理商监管		

15. REGULATORY INFORMATION 监管信息

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 监管机构
No components listed in this section. 本节中未列出任何成分			SARA Section 313

Toxic Substances Control Act 有毒物质控制法

All components of this product are listed on the TSCA inventory.
该产品的所有成分都列在TSCA清单中。

California Prop 65 加州提案65

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive.
该产品不含加州提案65成分，可导致癌症，先天性缺陷或其他生殖

16. OTHER INFORMATION 其他信息

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

其他信息 SDS由SDS协调员L. Dean Swartz 编写

Version Date: 09/16/18

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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