

# 化学品安全技术说明书

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MSDS(Material Safety Data Sheet) for GB/T 16483-2008

## 第 1 部分 化学品及企业标识

### Part 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 产品信息 HEMICAL PRODUCT

产品型号:	BTS-839-1AB	产品商品名: 有机硅粘接剂
Trade Name:	BTS-839-1AB	Trade Name: Silicone adhesive

#### 企业信息 THE COMPANY

企业名称: 东莞市贝特利新材料有限公司	地址: 广东省东莞市麻涌镇漳澎村中小企业园区一横路 1 号
Manufacturer: Dongguan City Betterly New Materials Co.,Ltd.	Address:NO.1 Yiheng Road Zhangpeng Smalland medium-sized enterprise park,Machong Town,Dongguan City,Guangdong Province
电子邮件 E-mile: btl@btl.hk	电话号码 Tel: 0769 88283198
传真号码 Fax: 0769 88283108	应急电话 Emergency Tel: 0532-83889090

## 第 2 部分 危险性概述

### Part 2 HAZARD IDENTIFICATION

危险性类别: 无危害性

Risk categories: No harm

标签要素: 无

Lable element: No

危害说明: 无危害性

Hazard description: No harm

防范说明: Precautionary statements

避免接触皮肤和眼睛 Avoid contact with skin and eyes

如果接触眼睛, 用水小心的反复冲洗, 戴隐形眼镜者如方便, 先取下眼镜再冲洗眼睛

If eye contact, flush eyes with water. Please remove contact lenses before flush, if any.

如果接触皮肤, 用肥皂和水温和冲洗 If skin contact, wash in mild soap and water.

其它危险: 未知

Other hazards: Unknown

## 第 3 部分 成分/组成信息

### Part 3 COMPOSITION/INFORMATION ON INGREDIENTS

产品形式: 混合物

Products form: mixture

危害成分: Hazard ingredient

序号 Item No.	化学名称 Form	CAS 号 CAS No.	浓度(%) Concentration (%)
1	二甲基聚硅氧烷 Cyclosiloxanes, di-M	69430-24-6	70-100
2	改性聚硅氧烷 Poly(dimethylsiloxane)	63148-62-9	14-20
3	溶剂 Kerosene	64-17-5	1-2
4	硅烷偶联剂 silane coupling agent	919-30-2	0.01-0.1

## 第 4 部分 急救措施

### Part 4 FIRST AID MEASURES

若吸入： 毋须急救

If inhaled: No need to first aid.

若皮肤接触： 毋须急救

If skin contact: No need to first aid.

若眼睛接触： 作为预防措施，用清水冲洗眼睛。取下隐形眼镜。保护未受伤害的眼睛。保持眼睛睁开用清水冲洗，如刺激持续，马上就医。

If eye contact: As a precaution, flush eyes with clear water. Please remove contact lenses. To protect uninjured eyes. Keep eyes open and flush with clear water. If irritation persists, get medical attention immediately.

若食入： 保持呼吸道畅通。禁止催吐。禁止饮用牛奶和酒精饮料。禁止对神志不清醒的患者通过口喂食任何东西。若症状持续，请立即将受害人送往医院救治。

If Ingestion: Keep comfortable for breathing. Do not induce vomiting. Do not drink milk and alcoholic beverage. Never give anything by mouth to an unconscious person. If symptoms persist, please rush the victims to hospital immediately.

注释： 对症医治

Note: symptomatic treatment

## 第 5 部分 消防措施

### Part 5 FIRE-FIGHTING MEASURES

灭火方法： Fire-fighting methods:

合适的灭火剂： 大火时使用泡沫或水雾；小火时使用二氧化碳

Suitable extinguishant: LARGE FIRE, use foam or water spray. SMALL FIRE, use carbon dioxide.

不合适的灭火剂： 不确定

N/A Extinguishant: Uncertainty

特别危险性： 无

Special risk: NO

灭火注意措施及防护措施： 消防人员必要时需佩戴自给式空气呼吸器。单独收集被污染的灭火用水。不要排入下水道。火灾残留物以及灭火用水必须按照当地规定予以处理。为了防火，罐子应分开储存于密闭容器中，使用喷水冷却完全密闭的容器。

Fire fighting measures and protective measures: Fire fighters should wear Self-Contained Breathing Apparatus in necessity. Collecting separately contaminated extinguishing water. Don't discharge into sewers. Fire residues and extinguishing water must be dealt with in accordance with local regulations. To fire protection, the cans should be stored separately into closed container, use water spray cooling the fully closed containers.

## 第 6 部分 泄露应急处理

### Part 6 ACCIDENTAL RELEASE MEASURES

作业人员防护措施、防护装备和应急处置程序： 使用个人防护设备。确保通风良好。消除所有火源。将人员撤离到安全地带，谨防累积，避免眼睛接触，不可内服。

Worker protection measures、protective equipment and emergency procedures: Use of personal protective equipment. Keep good ventilation. Eliminate all sources of ignition. Evacuate people to safe areas., beware of the accumulation, avoid contact with eyes, not to be taken orally.

环境保护措施： 防止泄漏物进入下水道。在保证安全的情况下防止进一步的泄漏和溢出。若产品污染对河流、湖泊或下水道造成污染，需及时告知相关职能部门。

Environmental precautions: Prevent the leakage entry into sewer. Prevent further leakage and overflow in the case of security. If the product contamination caused by pollution of rivers, lakes or sewers, need to inform the relevant

functional departments in time.

泄露化学品的收容、清除方法及所使用的处置材料： 收集泄漏物，使用适合的不易燃惰性吸收材料（如沙子、泥土、硅藻土、蛭石等）覆盖 和吸收，将泄漏物收集于合适的容器中按照当地规定予以处理。（参考第 13 部分）

Chemicals leaked asylum、Methods for cleaning up and use of disposal materials: Collect the leakage, using suitable non-flammable inert absorbent material (eg sand, soil, diatomite, vermiculite, etc.) cover and absorb, the leak was collected to be dealt with in a suitable container in accordance with local regulations. (See Part 13)

## 第 7 部分 操作处置与储存

### Part 7 HANDLING AND STORAGE

安全操作注意事项： 使用充分的通风排气设备，避免眼睛接触，不可内服，施行良好工业卫生措施，请于操作后进行清洗，尤其是在饮食或抽烟之前

Safety Handling Precautions: Use sufficient ventilation exhaust equipment, avoid contact with eyes, not to be taken orally. To implement good industrial hygiene measures. Wash thoroughly after handling, especially before eating or smoking.

储存提示： 谨慎小心，远离氧化物料储存

Storage tips: Be careful, keep away from the oxide material.

不适合的包装材料： 未确定的

Not suitable for packaging materials: Undetermined

## 第 8 部分 接触控制和个体防护

### Part 8 EXPOSURE CONTROL / PERSONAL PROTECTION

控制参数： Controls parameter

个体防护设备： Personal protective equipment:

呼吸系统防护： 不需要使用呼吸防护设备

Respiratory protection: Don't need to use respiratory protective equipment

手防护： 毋需特别防护

Hand protection: Don't need special protection

眼睛防护： 使用适当的防护，佩戴适宜的安全护目镜

Eye protection: Use appropriate protection, wear appropriate safety goggles

皮肤防护： 进餐前和下班时进行适当的清洗

Skin protection: Wash thoroughly before meals and after work.

个人卫生措施： 施行良好工业卫生措施，请于操作后进行清洗，尤其是在饮食或抽烟之前

Personal hygiene measures: To implement good industrial hygiene practices, please wash after handling, especially before eating or smoking.

备注： 当物品被加热到 150℃ 以上时，可能会释放微量的甲醛，要求有充分的通风排气设备

Remark: When the materials are heated to above 150 °C, may release a bit of formaldehyde, it requires have sufficient ventilation and exhaust equipment.

## 第 9 部分 理化特性

### Part 9 PHYSICAL AND CHEMICAL PROPERTIES

外观与性状： A: 透明液体 B: 微黄液体 Appearance: A: transparent liquid B: light yellow liquid

气味： 轻微的气味 Odor: Slight smell

pH 值： 无相关资料 PH: no data

熔点： 无相关资料 Melting point: No data

密度： 0.7893 g/cm<sup>3</sup>, 20°C (方法： 4 (20°C Biegeschwinger))

Density: 0.7893g/cm<sup>3</sup>, 20°C (method: 4 (20°C Biegeschwinger))

蒸汽压: 无相关资料 Vapor Pressure: No data  
溶解性: 与水不混溶 Solubility: water-immiscible  
闪点: >14°C 闭杯测试法 Flash Point: >14°C closed cup test:  
燃点: 无相关资料 Kindling Point: No data  
堆密度: 不适用 Bulk density: Not Applicable  
爆炸性: 无相关资料 Explosive: No data

## 第 10 部分 稳定性和反应活性

### Part 10 STABILITY AND REACTIVITY

稳定性: 稳定的

Stability: Stable

危险反应: 不会产生危害的聚合反应

Hazardous polymerization: Hazardous polymerization does not occur.

禁配物: 可与强氧化剂发生反应

Materials to avoid: Can be react with strong oxidant

分解产物: 二氧化碳及微量的未完全燃烧的碳化物, 二氧化硅, 甲醛, 氧化氮

Hazardous decomposition products: carbon dioxide and a bit of carbide of incomplete combustion, carbon dioxide, formaldehyde, nitrogen monoxide.

## 第 11 部分 毒理学信息

### Part 11 TOXICOLOGICAL INFORMATION

暴露途径: 吸入, 皮肤接触和意外吞食

Routes of exposure: inhalation, skin contact and accidentally swallowed.

过分接触的影响和症状: 正常使用下, 无显著不良影响

The effects and symptom of excessive contact: under normal use, no significant adverse effects.

急性毒性 **Acute toxicity:**

眼睛: 直接接触可能引起短暂的发红及不舒服症状

Eyes: Direct contact may cause temporary redness and uncomfortable symptoms

皮肤: 单一时间暴露不会有重大影响

Skin: Exposure to a single time there will be no significant impact

食入: 正常使用时只有很低的摄入危害

Ingestion: In normal use, only have slightly hazardous

吸入: 单一时间暴露不会有重大影响

Inhalation: Exposure to a single time there will be no significant impact

慢性毒性 **Chronic toxicity**

皮肤: 无适合的资料

Skin: No data

食入: 反复或大量摄入可能导致身体内部损害

Ingestion: Repeated or large quantities of ingestion may cause internal damage

吸入: 无适合的资料

Inhalation: No data

其它健康危害信息: 无适合的资料

Other health hazard information: No data

## 第 12 部分 生态学信息

### Part 12 ECOLOGICAL INFORMATION

东莞市贝特利新材料有限公司 地址: 东莞市麻涌镇漳澎村中小企业园区一横路 1 号 邮编: 523143

电话: 0086-0769-88283198 传真: 0086-0769-88289696 网址: [www.btl.hk](http://www.btl.hk) E-mail: [btl@btl.hk](mailto:btl@btl.hk)

**生态毒性效应: Ecotoxicity Effects**

急性影响: 对水生有机体无有害影响:

Acute effects: No harmful effects to aquatic organisms

慢性影响: 对水生有机体无有害影响

Chronic effects: No harmful effects to aquatic organisms

对废水处理厂的影响: 对细菌无有害影响, 通过与污水淤泥粘合, 可被去除 90% 以上, 本产品中的硅氧烷不是 BOD 的一部分

Effects of wastewater treatment plants: No harmful effects to germ, adhesion with sewage sludge, can be removed more than 90%, siloxane in the product is not part of the BOD.

持久性和降解性: persistence and Biodegradability

降解性: 硅氧烷在土壤中退化降解

Products of Biodegradability: Siloxane degradation in soil

生物蓄积性潜力: 无生物累积能力

Bioaccumulation: No ability

在土壤中流动性: 通过沉积或粘合至污水淤泥, 将硅氧烷从水中分离出来

Mobility in Soil: Through sedimentation or adhesion to sewage sludge.

**第 13 部分 废弃处置**

**Part 13 DISPOSAL CONSIDERATIONS**

废弃处置方法:

产品: 废物不得排入下水道。化学品或已用容器不能污染池塘、水源或沟渠。交给得到许可的废品处理公司

**Product Disposal:** Dispose of in accordance with local regulations.

受污染的包装: 倒空容器, 按未使用产品处理, 清空后的容器不要重复使用, 也不要焚烧或对其使用割炬切割。

**Packaging Disposal:** Dispose of in accordance with local regulations

**第 14 部分 运输信息**

**Part 14 TRANSPORT INFORMATION**

公路和铁路运输 Road and Rail Transport	海运 (IMDG) Sea Transport	空运 (ITTA) Air Transport
不适用 N/A	不属 IMDG 编码 Not Regulated IMDG code	不属 ITTA 编码 Not Regulated ITTA code

**第 15 部分 法规信息**

**Part 15 REGULATORY INFORMATION**

适用法规: 工作场所安全使用化学品规定 (1996 劳动部发 423 号文件)

Applicable Laws: Workplace safe use of chemicals (1996 department of labor issued 423 document)

化学品分类和危险公示公告通则 (GB 13690-2009)

General Rule for Classification and Dangerous announcement of Chemicals [GB13690-2009].

**第 16 部分 其他信息**

**Part 16 OTHER INFORMATION**

制作者: 东莞市贝特利新材料有限公司

Producer: Dongguan City Betterly New Materials Co. Ltd.

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make their own investigations to determine the suitability of the information for their particular purposes.