

## DOW CORNING(R) 3-6265 HP

版本	修订日期:	SDS编号:	前次修订日期: 2015/04/27
1.2	2015/06/22	881286-00003	最初编制日期: 2014/12/22

### 1. 化学品及企业标识

产品名称 : DOW CORNING(R) 3-6265 HP

产品代码 : 000000000004027737

产品类别 : 硅酮弹性体

#### 制造商或供应商信息

制造商或供应商名称 : 道康宁 ( 张家港 ) 投资有限公司

地址 : 中国江苏省张家港市扬子江国际化学工业园区北海路18号  
邮编 : 215634

电话号码 : 400 880 7110

应急咨询电话 : (86 512) 56732049

电子邮件地址 : China.info@dowcorning.com

#### 推荐用途和限制用途

推荐用途 : 粘接剂, 结合剂

### 2. 危险性概述

#### 紧急情况概述

外观与性状 : 糊状物  
颜色 : 黑色  
气味 : 略微的

非危险物质或混合物。

#### GHS危险性类别

非危险物质或混合物。

#### GHS标签要素

非危险物质或混合物。

#### 防范说明

: **预防措施:**  
P210 远离热源/火花/明火。禁止吸烟。  
**储存:**  
P403 存放在通风良好的地方。

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### 物理和化学危险

根据现有信息无需进行分类。

### 健康危害

根据现有信息无需进行分类。

### 环境危害

根据现有信息无需进行分类。

### GHS未包括的其他危害

可形成易燃的氢气。避免与水、醇类、酸性物质、碱性物质或氧化物接触。

## 3. 成分/组成信息

物质/混合物 : 混合物

### 危险组分

化学品名称	化学文摘登记号 (CAS No. )	浓度或浓度范围 (%)
石英	14808-60-7	>= 30 - < 50

## 4. 急救措施

吸入	: 如吸入, 移至新鲜空气处。 如有症状, 就医。
皮肤接触	: 谨慎起见用水和肥皂清洗。 如有症状, 就医。
眼睛接触	: 谨慎起见用水冲洗眼睛。 如果刺激发生并持续, 就医。
食入	: 如吞咽: 不要引吐。 如有症状, 就医。 用水彻底漱口。
最重要的症状和健康影响	: 未见报道。
对保护施救者的忠告	: 对于急救员, 不需要特定的预防措施。
对医生的特别提示	: 对症辅助治疗。

## 5. 消防措施

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- |             |  |
|-------------|--|
| 灭火方法及灭火剂    | : 水喷淋<br>耐醇泡沫<br>二氧化碳 (CO <sub>2</sub> )   |
| 不合适的灭火剂     | : 化学干粉   |
| 特别危险性       | : 接触燃烧产物可能会对健康有害。<br>使用泡沫会释放出大量氢气，氢气可能被截留在泡沫覆盖层下。  |
| 有害燃烧产物      | : 碳氧化物<br>硅氧化物<br>甲醛<br>氮氧化物   |
| 特殊灭火方法      | : 根据当时情况和周围环境采用适合的灭火措施。<br>喷水冷却未打开的容器。<br>禁止灭火介质接触到容器中的内容物。大多数灭火介质会导致氢气生成，灭火后氢气会聚积在通风不良或狭小空间处，一旦引燃会导致骤燃或爆炸。<br>单独收集被污染的消防用水，不可排入下水道。<br>按照当地规定处理火灾后的残留物和污染的消防用水。<br>在安全的情况下，移出未损坏的容器。<br>撤离现场。 |
| 消防人员的特殊保护装备 | : 如有必要，佩戴自给式呼吸器进行消防作业。<br>使用个人防护装备。  |

### 6. 泄漏应急处理

- |                        |  |
|------------------------|--|
| 人员防护措施、防护装备和应急处置程序     | : 遵循安全处置建议和个人防护装备建议。   |
| 环境保护措施                 | : 避免排放到周围环境中。<br>如能确保安全，可采取措施防止进一步的泄漏或溢出。<br>保留并处置受污染的洗涤水。<br>如果无法围堵严重的溢出，应通报当地主管当局。   |
| 泄漏化学品的收容、清除方法及所使用的处置材料 | : 用惰性材料吸收。<br>对于大量溢漏来说，进行围堵或采用其他恰当的防漏措施以免材料扩散。如果可以用泵抽排被围堵的材料，则应将回收的材料存放在合适的容器中。<br>用适当的吸收剂清理残留的溢漏材料。<br>材料遇水、受潮、遇到酸或碱可能产生氢气。回收的材料应储存在能排气的容器中。<br>地方或国家法规可能适用于这种材料的释放和处置，以及清理排放物时使用的材料和物品。您需要自行判定适用的法规。 |

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本SDS的第13部分和第15部分给出了特定地方或国家要求的相关信息。

### 7. 操作处置与储存

#### 操作处置

- 技术措施 : 请参阅“接触控制/个体防护”部分的工程控制。
- 局部或全面通风 : 只能在足够通风的条件下使用。
- 安全处置注意事项 : 按照良好的工业卫生和安全规范进行操作。  
不要与水接触。  
防潮。  
小心防止溢出、浪费并尽量防止将其排放到环境中。
- 防止接触禁配物 : 氧化剂

#### 储存

- 安全储存条件 : 存放在有适当标识的容器内。  
存放于密闭的容器中。  
按国家特定法规要求贮存。  
本产品可能放出微量易燃氢气并会累积。保持适当通风使蒸气浓度低于可燃极限并处于暴露标准之下。请勿重新包装。容器通气孔若阻塞可使压力上升。
- 禁配物 : 请勿与下列产品类型共同储存:  
强氧化剂
- 包装材料 : 不适合的材料: 不要存储于或使用非原始产品包装的容器。

### 8. 接触控制和个体防护

#### 危害组成及职业接触限值

成分	化学文摘登记号 (CAS No.)	数值的类型 (接触形式)	控制参数 / 容许浓度	依据
石英	14808-60-7	PC-TWA (总粉尘)	0.5 mg/m <sup>3</sup>	GBZ 2.1-2007
进一步信息: G1 - 确认人类致癌物, 结晶 型				
		PC-TWA (呼吸性粉尘)	0.2 mg/m <sup>3</sup>	GBZ 2.1-2007
进一步信息: G1 - 确认人类致癌物, 结晶 型				
		TWA (呼吸性粉尘)	0.025 mg/m <sup>3</sup> (二氧化硅)	ACGIH

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- |         |  |
|---------|--|
| 工程控制    | : 加工可形成危险品化合物（见第10节）。<br>确保足够的通风，特别在封闭区域内。<br>尽可能降低工作场所的接触浓度。  |
| 个体防护装备  |  |
| 呼吸系统防护  | : 一般来说无需个人呼吸防护设备。  |
| 眼面防护    | : 穿戴下列个人防护装备：<br>安全眼镜  |
| 皮肤和身体防护 | : 皮肤接触后要洗净。  |
| 手防护     |  |
| 备注      | : 休息前及工作结束时洗手。   |
| 卫生措施    | : 确保洗眼器和安全淋浴器位于工作场所附近。<br>使用时，严禁饮食及吸烟。<br>沾染的衣服清洗后方可重新使用。<br>上述预防措施仅针对室温操作，加热使用或气雾剂/喷雾应用<br>可能需要额外的预防措施。 |

### 9. 理化特性

- |             |                               |
|-------------|-------------------------------|
| 外观与性状       | : 糊状物                         |
| 颜色          | : 黑色                          |
| 气味          | : 略微的                         |
| 气味阈值        | : 无数据资料                       |
| pH值         | : 不适用                         |
| 熔点/凝固点      | : 无数据资料                       |
| 初沸点和沸程      | : 不适用                         |
| 闪点          | : > 110 °C<br>方法: Seta闭杯闪点测试法 |
| 蒸发速率        | : 不适用                         |
| 易燃性(固体, 气体) | : 不属于易燃性危险物品                  |
| 爆炸上限        | : 无数据资料                       |

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爆炸下限	: 无数据资料
蒸气压	: 不适用
蒸气密度	: 无数据资料
密度/相对密度	: 1.3
溶解性	
水溶性	: 无数据资料
正辛醇/水分配系数	: 无数据资料
自燃温度	: 无数据资料
分解温度	: 无数据资料
黏度	
运动黏度	: 800,000 cSt
爆炸特性	: 无爆炸性
氧化性	: 此物质或混合物不被分类为氧化剂。
分子量	: 无数据资料

### 10. 稳定性和反应性

反应性	: 遇水放出高度易燃气体。
稳定性	: 正常条件下稳定。
危险反应	: 在升温条件下使用, 可形成高危害性化合物 (参见第10章)。 可与强氧化剂发生反应。 该产品与水、醇、酸性或碱性材料、许多金属或金属化合物接触时, 可以产生可燃氢气, 从而在空气中形成爆炸性混合物。 在高温下, 会形成有害的分解产物。
应避免的条件	: 暴露在潮湿中。
禁配物	: 氧化剂
危险的分解产物	
热分解	: 甲醛

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### 11. 毒理学信息

接触途径 : 皮肤接触  
食入  
眼睛接触

#### 急性毒性

根据现有信息无需进行分类。

#### 成分:

##### 石英:

急性经口毒性 : LD50 (大鼠): > 5,000 mg/kg

#### 皮肤腐蚀/刺激

根据现有信息无需进行分类。

#### 严重眼睛损伤/眼刺激

根据现有信息无需进行分类。

#### 呼吸或皮肤过敏

皮肤过敏: 根据现有信息无需进行分类。

呼吸过敏: 根据现有信息无需进行分类。

#### 生殖细胞致突变性

根据现有信息无需进行分类。

#### 致癌性

根据现有信息无需进行分类。

#### 成分:

##### 石英:

种属: 人类

染毒途径: 吸入 (粉尘/烟雾)

结果: 阳性

备注: IARC (国际癌症研究机构)

该物质与产品结合, 无法分离, 故不会导致粉尘吸入危害。

致癌性 - 评估 : 根据人类流行病学的研究, 证明有影响 (吸入)

#### 生殖毒性

根据现有信息无需进行分类。

#### 特异性靶器官系统毒性- 一次接触

根据现有信息无需进行分类。

#### 特异性靶器官系统毒性- 反复接触

根据现有信息无需进行分类。

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### 成分:

#### 石英:

接触途径: 吸入 (粉尘/烟雾)

靶器官: 肺

评估: 在浓度为0.02 mg/l/6h/d或以下时, 在动物身上观察到产生了明显的健康影响。

### 重复染毒毒性

#### 成分:

#### 石英:

种属: 人类

LOAEL: 0.053 mg/m<sup>3</sup>

染毒途径: 吸入

备注: OECD SIDS

该物质与产品结合, 无法分离, 故不会导致粉尘吸入危害。

### 吸入危害

根据现有信息无需进行分类。

## 12. 生态学信息

### 生态毒性

无数据资料

### 持久性和降解性

无数据资料

### 潜在的生物累积性

无数据资料

### 土壤中的迁移性

无数据资料

### 其他环境有害作用

无数据资料

## 13. 废弃处置

### 处置方法

残余废弃物 : 按当地法规处理。

污染包装物 : 按未用产品处置。  
应将空容器送至许可的废弃物处理场所循环利用或处置。



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### 14. 运输信息

#### 国际法规

##### 陆运 (UNRTDG)

不作为危险品管理

##### 空运 (IATA-DGR)

不作为危险品管理

##### 海运 (IMDG-Code)

不作为危险品管理

##### 按《MARPOL73/78公约》附则II和IBC规则

不适用于供应的产品。

#### 国内法规

##### GB 6944/12268

不作为危险品管理

### 15. 法规信息

#### 适用法规

固体废物污染环境防治法

职业病防治法

#### 产品成分在下面名录中的列名信息:

NZIoC	: 所有成分已列名或豁免。
DSL	: 本产品中的所有成分符合CEPA 1999和NSNR的规定, 且已在加拿大DSL名录上列名或豁免。
REACH	: 所有成分已(预)注册或豁免。
TSCA	: 该产品中的所有成分已在TSCA名录上列名或被豁免。
AICS	: 所有成分已列名或豁免。
IECSC	: 所有成分已列名或豁免。
ENCS/ISHL	: 所有成分都在ENCS(现有化学物质和新化学物质)/ ISHL(工业安全与健康法)名录上列名或因受到豁免而未列入名录。
KECI	: 所有成分已列名、豁免或申报。
PICCS	: 所有成分已列名或豁免。

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### 名录

AICS（澳大利亚）、DSL（加拿大）、IECSC（中国）、REACH（欧盟）、ENCS（日本）、ISHL（日本）、KECI（韩国）、NZIoC（新西兰）、PICCS（菲律宾）、TCSI（台湾）、TSCA（美国）

## 16. 其他信息

### 进一步信息

参考文献：内部技术数据，数据来源于原料 SDS、OECD eChem 门户网站搜索结果，以及欧洲化学品管理局，<http://echa.europa.eu/>

文件左侧双垂直线：表示对前一版本内容进行了修订。

日期格式：年/月/日

### 缩略语和首字母缩写

ACGIH	： 美国政府工业卫生学家会议 (ACGIH) 之阈值 (TLV)
GBZ 2.1-2007	： 工作场所有害因素职业接触限值 - 化学有害因素
ACGIH / TWA	： 8 小时，时间加权平均值
GBZ 2.1-2007 / PC-TWA	： 时间加权平均容许浓度

### 免责声明

据我们所知及确信，本安全技术说明书 (SDS) 于发布之日提供的信息均准确无误。此信息只用作安全操作、使用、加工、存储、运输、处置和发布的指南，不代表任何类型的保证书或质量说明书。除文本规定外，此表提供的信息只与本 SDS 顶部确定的特定材料有关，当 SDS 中的材料与任何其他材料混合使用或用于任何流程时，此表的信息将无效。材料用户应审查在特定环境下所需使用的操作、使用、加工和存储方式相关的信息和建议，包括用户最终产品 SDS 材料的适用性评估（如适用）。

CN / ZH

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519

**DOW CORNING**

## DOW CORNING(R) 3-6265 HP

Version	Revision Date:	MSDS Number:	Date of last issue: 2014/12/22
1.1	2015/04/27	978609-00002	Date of first issue: 2014/12/22

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DOW CORNING(R) 3-6265 HP

Product code : 000000000004027737

Chemical nature : Silicone elastomer

#### Manufacturer or supplier's details

Company : Dow Corning (Zhangjiagang) Holding Company Limited

Address : 18 Beihai Road, Yangtze River International Chemical Industry Park, Zhangjiagang, Jiangsu Province, P.R.C., Postal Code: 215634

Telephone : 400 880 7110

Emergency telephone number : (86 512) 56732049

E-mail address : China.info@dowcorning.com

#### Recommended use of the chemical and restrictions on use

Recommended use : Adhesive, binding agents

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance	: paste
Colour	: black
Odour	: slight

Not a hazardous substance or mixture.

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS Label element

Not a hazardous substance or mixture.

Precautionary statements : **Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces.  
No smoking.  
**Storage:**  
P403 Store in a well-ventilated place.

#### Physical and chemical hazards

Not classified based on available information.

#### Health hazards

Not classified based on available information.

# SAFETY DATA SHEET

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### Environmental hazards

Not classified based on available information.

### Other hazards which do not result in classification

May generate flammable hydrogen gas. Avoid contact with water, alcohols, acidic, basic, or oxidizing materials.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Quartz	14808-60-7	>= 30 - < 50

## 4. FIRST AID MEASURES

If inhaled	: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	: Wash with water and soap as a precaution. Get medical attention if symptoms occur.
In case of eye contact	: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	: None known.
Protection of first-aiders	: No special precautions are necessary for first aid responders.
Notes to physician	: Treat symptomatically and supportively.

## 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water spray Alcohol-resistant foam Carbon dioxide (CO2)
Unsuitable extinguishing media	: Dry chemical
Specific hazards during fire-fighting	: Exposure to combustion products may be a hazard to health. Applying foam will release significant amounts of hydrogen gas that can be trapped under the foam blanket.

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**DOW CORNING**

## DOW CORNING(R) 3-6265 HP

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- |   |   |
|---|---|
| Hazardous combustion products                 | : Carbon oxides<br>Silicon oxides<br>Formaldehyde<br>Nitrogen oxides (NOx)  |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Use water spray to cool unopened containers.<br>Do not allow extinguishing medium to contact container contents. Most fire extinguishing media will cause hydrogen evolution, and once the fire is put out, may accumulate in poorly ventilated or confined areas and result in flash fire or explosion if ignited.<br>Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>Remove undamaged containers from fire area if it is safe to do so.<br>Evacuate area. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.<br>Use personal protective equipment.  |

### 6. ACCIDENTAL RELEASE MEASURES

- |   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Follow safe handling advice and personal protective equipment recommendations.   |
| Environmental precautions   | : Discharge into the environment must be avoided.<br>Prevent further leakage or spillage if safe to do so.<br>Retain and dispose of contaminated wash water.<br>Local authorities should be advised if significant spillages cannot be contained.  |
| Methods and materials for containment and cleaning up               | : Soak up with inert absorbent material.<br>For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.<br>Clean up remaining materials from spill with suitable absorbent.<br>Materials in contact with water, moisture, acids or bases have the potential to generate hydrogen gas. Recovered material should be stored in a vented container.<br>Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.<br>Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. |

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### 7. HANDLING AND STORAGE

#### Handling

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.  
Keep away from water.  
Protect from moisture.  
Take care to prevent spills, waste and minimize release to the environment.
- Avoidance of contact : Oxidizing agents

#### Storage

- Conditions for safe storage : Keep in properly labelled containers.  
Store in a closed container.  
Store in accordance with the particular national regulations.  
Product may evolve minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapors well below flammability limits and exposure guidelines.  
Do not repackage. Clogged container vents may increase pressure build up.
- Materials to avoid : Do not store with the following product types:  
Strong oxidizing agents
- Packaging material : Unsuitable material: Do not store in or use containers except the original product package.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz	14808-60-7	PC-TWA (Total dust)	0.5 mg/m <sup>3</sup>	GBZ 2.1-2007
Further information: G1 - Carcinogenic to humans, chrystalline				
		PC-TWA (Respirable dust)	0.2 mg/m <sup>3</sup>	GBZ 2.1-2007
Further information: G1 - Carcinogenic to humans, chrystalline				
		TWA (Respirable fraction)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH

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**Engineering measures** : Processing may form hazardous compounds (see section 10).  
Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.

### Personal protective equipment

**Respiratory protection** : No personal respiratory protective equipment normally required.

**Eye/face protection** : Wear the following personal protective equipment:  
Safety glasses

**Skin and body protection** : Skin should be washed after contact.

**Hand protection**

**Remarks** : Wash hands before breaks and at the end of workday.

**Hygiene measures** : Ensure that eye flushing systems and safety showers are located close to the working place.  
When using do not eat, drink or smoke.  
Wash contaminated clothing before re-use.  
These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : paste

**Colour** : black

**Odour** : slight

**Odour Threshold** : No data available

**pH** : Not applicable

**Melting point/freezing point** : No data available

**Initial boiling point and boiling range** : Not applicable

**Flash point** : > 110 °C  
Method: Seta closed cup

**Evaporation rate** : Not applicable

**Flammability (solid, gas)** : Not classified as a flammability hazard

**Upper explosion limit** : No data available

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Lower explosion limit	: No data available
Vapour pressure	: Not applicable
Relative vapour density	: No data available
Relative density	: 1.3
Solubility(ies) Water solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity Viscosity, kinematic	: 800,000 cSt
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Molecular weight	: No data available

### 10. STABILITY AND REACTIVITY

Reactivity	: Contact with water liberates highly flammable gases.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Product may evolve flammable hydrogen gas on contact with water, alcohols, acidic or basic materials, many metals or metallic compounds and can form explosive mixtures in air. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	: Exposure to moisture
Incompatible materials	: Oxidizing agents
Hazardous decomposition products Thermal decomposition	: Formaldehyde



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### 11. TOXICOLOGICAL INFORMATION

Exposure routes : Skin contact  
Ingestion  
Eye contact

#### Acute toxicity

Not classified based on available information.

#### Components:

##### Quartz:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Components:

##### Quartz:

Species: Humans

Application Route: inhalation (dust/mist/fume)

Result: positive

Remarks: IARC (International Agency for Research on Cancer)

The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

#### Components:

##### Quartz:

Exposure routes: inhalation (dust/mist/fume)

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Target Organs: Lungs  
Assessment: Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

### Repeated dose toxicity

#### Components:

##### **Quartz:**

Species: Humans

LOAEL: 0.053 mg/m<sup>3</sup>

Application Route: Inhalation

Remarks: OECD SIDS

The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

### Aspiration toxicity

Not classified based on available information.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

No data available

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### International Regulation

#### **UNRTDG**

Not regulated as a dangerous good

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### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### GB 6944/12268

Not regulated as a dangerous good

## 15. REGULATORY INFORMATION

### National regulatory information

Law on Prevention and Control of Environment Pollution by Solid Waste

Law on the Prevention and Control of Occupational Diseases

### The components of this product are reported in the following inventories:

NZIoC	: All ingredients listed or exempt.
DSL	: All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).
REACH	: All ingredients (pre-)registered or exempt.
TSCA	: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
AICS	: All ingredients listed or exempt.
IECSC	: All ingredients listed or exempt.
ENCS/ISHL	: All components are listed on ENCS/ISHL or exempted from inventory listing.
KECI	: All ingredients listed, exempt or notified.
PICCS	: All ingredients listed or exempt.

### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

## 16. OTHER INFORMATION

### Further information

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Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format : yyyy/mm/dd

### Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
GBZ 2.1-2007	: Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.
ACGIH / TWA	: 8-hour, time-weighted average
GBZ 2.1-2007 / PC-TWA	: Permissible concentration - time weighted average

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

CN / EN

## Dow Corning® 3-6265 Thixotropic Adhesive

### FEATURES & BENEFITS

- Non-flowing
- Heat cure
- High tensile strength
- UV indicator for inspection
- Non-flowing version of Dow Corning® Q3-6611 Adhesive
- No mixing required
- Rapid, versatile cure processing controlled by temperature
- UV indicator allows for automated inspection

### COMPOSITION

- One part adhesive

One-part, black, non-flowing adhesive with high tensile strength, and UV indicator for inspection

### APPLICATIONS

- Dow Corning® 3-6265 Thixotropic Adhesive is suitable for use in automotive and industrial assembly areas including sealing lids and housings, attaching base plates gasket, and connector sealing.

### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Property	Unit	Result
One or Two part	-	One
Color	-	Black
Viscosity (Low Shear)	cP	1,020,000
	Pa-sec	1020
Viscosity (High Shear)	cP	235,000
	Pa-sec	235
Heat Cure Time at 125 °C	minutes	60
Heat Cure Time at 150 °C	minutes	30
Specific Gravity (Cured)	-	1.34
Tensile Strength	psi	700
	MPa	4.8
	kg/cm2	48
Elongation	%	165
Tensile Modulus	psi	420
	MPa	2.9
	kg/cm2	29
Durometer Shore A	-	60
Linear CTE (by TMA)	ppm/°C	275
Unprimed Adhesion - Lap Shear to Aluminum	psi	611
Dielectric Strength	volts/mil	550
	kV/mm	21
Volume Resistivity	Ohm-cm	4.7 E+14
Dielectric Constant at 100 Hz	-	2.94
Dielectric Constant at 100 kHz	-	2.89
Dissipation Factor at 100 Hz	-	0.009
Dissipation Factor at 100 kHz	-	<0.001

### DESCRIPTION

Dow Corning® brand one-part heat cure (addition-curing) adhesives cure rate is rapidly accelerated with heat (see cure schedules in table) and an optimum cure schedule will balance processing performance and costs. For thicker sections or if voiding is observed the use of a 30-minute pre-

cure at 70 °C (158 °F) or the use of an adhesive with low-void technology may reduce voids. Addition-cure silicones are formulated with all necessary ingredients for cure and there are no by-products generated during the cure process. Deep-section or confined cures are possible as cure reactions progress evenly throughout the material. These adhesives

generally have long working times so users can enjoy the greatest manufacturing flexibility and reduce waste. Dow Corning silicone adhesives retain their original physical and electrical properties over a broad range of operating conditions which enhance the reliability of and service life of electronic devices.

## APPLICATION METHODS

- Automated or manual needle dispense

## MIXING AND DE-AIRING

Upon standing, some filler may settle to the bottom of the liquid containers after several weeks. To ensure a uniform product mix, the material in the container should be thoroughly mixed prior to use. Automated airless dispense equipment can be used to reduce or avoid the need to de-air. If de-airing is required to reduce voids in the cured elastomer, consider a vacuum de-air schedule of >28 inches Hg for 10 minutes or until bubbling subsides.

## ADHESION

*Dow Corning* silicone adhesives are specially formulated to provide unprimed adhesion to many reactive metals, ceramics and glass, as well as to selected laminates, resins and plastics. However, good adhesion cannot be expected on non-reactive metal substrates or non-reactive plastic surfaces such as Teflon®, polyethylene or polypropylene. Special surface treatments such as chemical etching or plasma treatment can sometimes provide a reactive surface and promote adhesion to these types of substrates. *Dow Corning*® brand Primers can be used to increase the chemical activity on difficult substrates.. Poor adhesion may be experienced on plastic or rubber substrates that are highly plasticized, because the mobile plasticizers act as release agents. Small-scale laboratory evaluation of all substrates is recommended before production trials are made.

## COMPATIBILITY

Certain materials, chemicals, curing agents and plasticizers can inhibit the cure of addition cure adhesives. Most notable of these include: Organotin and other organometallic compounds, Silicone rubber containing organotin catalyst, sulfur, polysulfides, polysulfones or other sulfur containing materials, unsaturated hydrocarbon plasticizers, and some solder flux residues. If a substrate or material is questionable with respect to potentially causing inhibition of cure, it is recommended that a small scale compatibility test be run to ascertain suitability in a given application. The presence of liquid or uncured product at the interface between the questionable substrate and the cured gel indicates incompatibility and inhibition of cure.

## USABLE LIFE AND STORAGE

Refer to product label for storage temperature conditions. Containers should be kept tightly closed and kept in cold storage at all times to extend shelf life. The product should be stored in its original packaging with the cover tightly attached to avoid any contamination. Store in accordance with any special instructions listed on the product label. The product should be used by its Use Before date as indicated on the product label.

## PREPARING SURFACES

All surfaces should be thoroughly cleaned and/or degreased with *Dow Corning*® brand OS Fluids, naphtha, mineral spirits, methyl ethyl ketone (MEK) or other suitable solvent. Solvents such as acetone or isopropyl alcohol (IPA) do not tend to remove oils well, and any oils remaining on the surface may interfere with adhesion. . Light surface abrasion is recommended whenever possible, because it promotes good cleaning and increases the surface area for bonding. A final surface wipe with acetone or IPA is also useful. Some cleaning techniques may provide better results than others; users

should determine the best techniques for their particular applications.

## SUBSTRATE TESTING

Due to the wide variety of substrate types and differences in substrate surface conditions, general statements on adhesion and bond strength are impossible. To ensure maximum bond strength on a particular substrate, cohesive failure of the product in a lap shear or similar test is needed to ensure compatibility of the adhesive with the substrate being considered. Also, this test can be used to determine minimum cure time or to detect the presence of surface contaminants such as mold release agents, oils, greases and oxide films.

## USEFUL TEMPERATURE RANGES

For most uses, silicone adhesives should be operational over a temperature range of -45 to 200 °C (-49 to 392 °F) for long periods of time. However, at both the low- and high temperature ends of the spectrum, behavior of the materials and performance in particular applications can become more complex and require additional considerations. For low-temperature performance, thermal cycling to conditions such as -55 °C (-67 °F) may be possible, but performance should be verified for your parts or assemblies. Factors that may influence performance are configuration and stress sensitivity of components, cooling rates and hold times, and prior temperature history. At the high-temperature end, the durability of the cured silicone elastomer is time and temperature dependent. As expected, the higher the temperature, the shorter the time the material will remain useable.

## SOLVENT EXPOSURE

The silicone adhesive discussed in this literature is intended only to survive splash or intermittent exposures. It is not suited for continuous solvent or fuel exposure. Testing should be done to confirm

performance of the adhesives under these conditions.

## **PACKAGING INFORMATION**

Multiple packaging sizes are available for this product. Please contact your local distributor or Dow Corning representative for information on packaging size and availability.

## **HANDLING**

### **PRECAUTIONS**

#### **PRODUCT SAFETY**

**INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEB SITE AT DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.**

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## **HEALTH AND ENVIRONMENTAL INFORMATION**

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Web site, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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PARTICULAR PURPOSE OR  
MERCHANTABILITY.**

**DOW CORNING DISCLAIMS  
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CONSEQUENTIAL DAMAGES.**

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