

物质安全数据表

Material Safety Data Sheet

1. 物品与厂商资料(Chemical product and company identification):

物品中(英)文名称: Formex CND Product: Formex CND
制造商名称: 依州电子零部件（上海）有限公司 Manufacturer: ITW Electronic Components/Products(Shanghai) co.,ltd.
制造商地址: 上海市莘庄工业园区申富路 789 号 5 号厂房 Manufacturer address: Building 5,789 Shenfu Road, Xinzhuang Industrial Park, Shanghai, China
制造商电话: 021-54426006*212 Manufacturer tel.: (86) 21-5442-6006
传真: 012-54426007 Manufacturer fax: 012-54426007

2. 成份辨识资料(Composition/information on ingredients):

成份名称 Ingredients	化学式 Chemical formula	化学成分 (%) Percent by Weight	化学文摘社登记号码 CAS NO.
Polycarbonate	(C ₁₅ H ₁₆ O ₂ .CH ₂ O ₃) _n	≥82%	25037-45-0
Polydimethylsiloxane	(C ₂ H ₆ OSi) _n	≤4%	9016-00-6
Antioxidant1076	C ₃₅ H ₆₂ O ₃	≤1.5%	2082-79-3
Antioxidant168	C ₄₂ H ₆₃ O ₃ P	≤2%	31570-04-4
Poly(tetrafluoroethylene)	(C ₂ F ₄) _n	≤1.5%	9002-84-0

3. 危害辨识资料(Hazards summarizing):

最重要危害注意 Important hazards attention	紧急概要: 不适用. Emergency summarizing: N/A
	健康危害效应: Health hazardous reaction: 急性: Emergency: <ul style="list-style-type: none"> · 吸入: 碎片可引起物理损伤 Inhalation: Mechanical irritation due to small pieces. · 食入: 无. Ingestion: None. · 眼睛: 碎片可引起物理损伤 Eye contact: Mechanical irritation due to small pieces. · 皮肤接触: 无.. Skin contact: None
	环境影响: 无 Environmental effects: None
	物理性及化学性危害: 无 Physical and chemical hazards: None
	特殊危害: 无. Special hazards: None

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主要症状：无。 Main symptom: None
危害物质分类：无 Hazards substance classification: None

4. 急救措施(First-aid measures):

不同暴露途径之急救措施： This first-aid measures is different from section 8. · 吸入：呼吸清洁的空气 Inhalation: Breathe clean air. · 皮肤接触：如果皮肤与熔融后的材料接触，迅速用冷水冲洗，不要试图从皮肤上剥下来，并就医。 Skin contact: If contact with molten material occurs, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical advice for thermal burn. · 眼睛接触：用水冲洗眼睛，不要揉擦眼睛。 Eye contact: Flush eyes with water; do not rub eyes. · 食入：无。 Ingestion: None If irritation of eyes or skin persists, obtain medical advice.
最重要症状及急害效应：无。 Main symptom and urgent reaction: None
对急救人员之防护：无。 The defense of first-aid person: None
对医师之提示：无。 Advice to doctor: None

5. 灭火措施 (Fire-fighting measures):

适用灭火剂：水，泡沫，干粉。 Extinguishing media: Water, foam, Dry chemical powder.
灭火剂可能遇过之特殊危害：不适用。 Special hazards of accident for extinguishing agent: N/A
特殊灭火程序：除非受热，否则材料不会燃烧，材料是被 UL 认可的 94 V-0 或 VTM-0 产品。 Special fire fighting procedures: Material will not burn unless preheated. Material is a UL recognized 94V-O or VTM-O product.
消防人员之特殊防护设备：NIOSH 认可的正压自呼吸面罩。 The special defense equipment of fire-fighting person: Do not enter confined fire space without a positive pressure NIOSH approved self-contained breathing apparatus with a full facepiece.

6. 泄露处理方法 (Accidental release measures):

个人应注意事项：无 Personal protection: None.
环境注意事项：不适用。 Environmental attention item: N/A
清理方法：扫除或吸掉防止滑倒，将材料包起回收或处理。 Methods for cleaning up : Shovel, sweep, or vacuum to prevent slipping hazards. Contain material for reclamation or disposal.

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7. 安全处置与储存方法 (Handling and storage):

处置: Keep material off walking surfaces, it may create a slipping hazard.
WASTE DISPOSAL: Incineration or landfill in compliance with Federal, State and Local regulations.
储存: 在通风良好的地方使用。保存在室温 15~26℃的地方, 避免放在太阳照射和有热源的地方。
Storage: Use in well-ventilated area. Store in a cool location(60~80 F, 15~26℃)away from sunlight and any source of heat.

8. 曝露预防措施 (Exposure controls/personal protection):

个人防护设备: Personal protection equipment:
呼吸防护: Respiratory protection: Not ordinarily required.
· 一般使用: 无。 General use: None
· 紧急状况: 无。 Emergence status: None
· 眼睛防护: 眼镜 Eye protection: Glasses
· 保护手: 带手套 Hand Protection: Use gloves
· 皮肤及身体防护: 清理覆盖在身上的材料 Skin & Body Protection : No precautions other than clean body-covering clothing should be needed
· 其他注意事项: 无。 Additional protective measures: None
卫生措施: 工作后、饮食及抽烟前应洗手。 Health measure: Wash hand after work and before eating & smoking.

9. 物理及化学资料 (Physical and chemical properties):

物质状态: 固体 Substance form: Solid	pH 值: 不适用 PH value: N/A				
形状: 片状 Appearance: sheet	颜色: 黑色 Colour: Black				
分子量: 不适用 Molecular weight: N/A	气味: 无气味 Odor: Essentially odorless				
沸点: 不适用 Boiling point(oF): N/A	熔点: 软化在 135℃以上。 Melting point: Softing above 135℃				
分解温度: 不适用 Decompose temperature: N/A	闪火点: 不适用 Flash ignition: N/A				
自燃温度: 550℃ (estimated) Spontaneous Temperature: 550℃ (estimated)	爆炸界限 % Exploded limit%	下限 Low limit:	不适用 N/A	上限 Upper limit	不适用 N/A
蒸气比重(空气=1): 不适用 Vapor density (air=1): NA	蒸气压(mm Hg): 不适用 Vapor pressure (mm Hg): NA				
比重 (水=1): 1.20~1.23	水中溶解度: 不溶于水				

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Specific gravity(H2O=1): 1.20~1.23	Solubility in water: Insoluble
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10. 稳定性及反应性 (Stability and reactivity):

稳定性 Stability:	Thermally stable at typical use temperatures. 在典型的使用温度是热稳定
Special Conditions Of Hazardous Reaction	Not occur不会发生
Conditions To Avoid 避免条件	Avoid temperatures above 350°C. Product can decompose at elevated temperatures.避免产品在350°C, 产品在高温下可能会分解
Incompatibility不兼容性	N/A不适用
Hazardous Decomposition Products 产品分解的危害	Hazardous combustion products may include dense black smoke, CO ₂ , CO, and hydrocarbon fragments. Fumes evolved during processing may include trace levels of aliphatic and aromatic hydrocarbons, acids, phenol, and phenol derivatives.

11. 毒性资料 (Toxicological information): 本项无相关资料可查

Way of Exposure	Fume or Vapors generated from decomposing resin may be irritant to eyes.
Symptom症状	None不适用
Acute严重性	None不适用
Chronic Toxicity慢性毒性	None不适用

12. 生态资料 (Ecological information): 本项无相关资料可查

Ecological Toxicity 生态毒性	Difficult to biodegradable. It can be recycled using suitable technologies. 很难生物降解的, 可以通过合适的技术回收使用。
Sustainable and De-toxic 可持续的和毒性降解	Difficult to nature degrade.很难自然降解
Ecologic Accumulatability	None无
Liquity in Soil 在土壤中的流动性	None无
Other poor Effect 其它不好的影响	None无

13. 废弃物处置方法 (Disposal): 本项不适用

Disposal Information 废弃物处置方法	Dispose of waste material at an approved waste incineration facility in accordance with applicable regulations. 在依照国家有关规定批准的有处置废弃物的垃圾焚烧设施的地方处理。
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14. 运送资料 (Transport information):

The United Nations Number(Un-No) 联合国编号	Not regulated. 法规上没有规定
The United Nations Shipping Name联合国航运的名字	Not regulated. 法规上没有规定
D.O.T. Hazard Class D.O.T.风险等级	Not regulated. 法规上没有规定
Package Category包装分级	Not regulated. 法规上没有规定
Maritime Pollutants海洋污染物	Not regulated. 法规上没有规定
Special Transport Way And Note特殊运输方式和注意	Not regulated. 法规上没有规定

15. 适用法规 (Regulatory information):

Apply Regulation适用法规	None无
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16. 其他资料 (Other information):

联系窗口 Contact point	名称: 依州电子零部件（上海）有限公司 Company name: ITW Electronic Components/Products(Shanghai) co.,ltd.		
	地址: 上海市莘庄工业园区申富路 789 号 5 号厂房 Company address: Building 5,789 Shenfu Road, Xinzhuang Industrial Park, Shanghai, China		
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* 本表仅供参考，运作人需自行必要的处理。

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