

**1. Identification Of The Substance / Preparation And Company.**

Product Information: TIF100-12-05ES Series Thermally Conductive Silicone Pads

Product Number: TIF100-12-05ES Product Series

Manufacturer/Supplier: Ziitek Electronic Materials &amp; Technology Ltd.

Address: Building B8, Industry District II, Xicheng, Hengli Township, Dongguan City, Guangdong Province

TEL: +86-0769-38801208

Fax: +86-0769-83791290

Emergency Phone: Tel: +86-0769-38801208

**2. Composition/Information On Ingredients:**

Components Name	Synonyms	Gravity (%)	Percentage for Chemical Ingredient (%)	Chemical Abstracts Number(CAS No)
Silicone	Silicone	5% ~ 20%	---	63148-62-9
Alumina	Alumina	60% ~ 80%	---	1344-28-1
Platinum catalyst	Platinum catalyst	0.1~0.5%	---	68478-92-2
Fumed silica	Fumed silica	0.5%~2%	---	10279-57-9

**Mixture****Chemical Characteristics:**

Hazardous Components Name	Concentration/Percentage	Hazard Symbols
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**3. Hazard Identification:**

Major Hazard Effect	Hazard warnings for Health: NO
	Hazard warnings for Environment: NO
	Physical and Chemical Dangerous: NO
	Special Harm: NO
Major State	NO
Hazard classification	NO

**4. First Aid Measures:**

Skin Contact	NO
Eye Contact	NO
Ingestion	Call a physician immediately

**5. Fire Fighting Measure:**

Suitable extinguishing media: dry chemical

Special exposure hazards: NO

Special Extinguishing Procedure:

Remove away from the heat, extinguish by water or other media

Special protection equipment: NO

**6. Accidental Release Measures:**

Personal protection: The product exists solid state, no leakage will happen.

Environment protection: NO

Methods for Cleaning up: Wipe by alcohol

**7. Handling and Storage:**

Handling: No need

Storage: Store in a cool place, Keep away from heat and flame

**8. Exposure Control/Personal Protection:**

Engineering Control: Don't expose under sunshine directly

Hygienic procedures: N/A

Personal Protective Equipment: No need

**9. Physical and Chemical Properties / Characteristics:**

Appearance: Solid	Form: In piece
Color: Blue	Odor: Odorless
PH Value: 5~7	Boiling Point/Boiling Range: >700°C
Decomposition temperature: N/A	Flash Point: N/A
Natural Temperature: N/A	Test Method: N/A
Spontaneous Temperature: N/A	Explosion Limits: N/A
Vapor Pressure: N/A	Vapor Density: N/A
Specific Gravity: 2.0 g/cc	Solubility in water: N/A

**10. Stability and Reactivity:**

Stability: Stable

Special Conditions of Hazardous Reaction: N/A

Some rusty metal: N/A

Conditions to Avoid: N/A

Incompatibility: Strong alkalis and strong acids

**11. Toxicological information:**

Acute toxicity: No

Local Effects: No

Sensitive: No

Chronic toxicity: No

Especial effect: No

**12. Ecological Information:**

Possibility of Environmental Impact/move: No harmful effect to environment

**13. Disposal Information:**

Disposal Information: Can be recycled

**14. Transport Information:**

International Transport Regulation: Container

The United Nations Number(UN-No): No

Internal Transport regulation: Can be packed in box: ≤8kg、≤22kg、≤13kg、≤20kg

Special Transport Way and Note: Can be delivered as non-dangerous product

**15. Regulation Information:**

Rules on Workers Health and Safety Facilities.

Regulation of Labeling and Hazard Communication of Dangerous and Harmful Materials.

Traffic Safety Rules.

Standards for the Storage, Cleanup, Handling and disposal of Industrial Waste.

**16. Other information:**

**Legend:** This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.