



**TISAN ENGINEERING PLASTICS LTD. CO.**  
**MATERIAL SAFETY DATA SHEET**

Material Safety Data Sheet (20/12/2008–27092) according to EC-Regulation 1907/2006(REACH)

M04000005-PPH GF 30 BK

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**TRADE NAME:** ECOSTAR

**PRODUCT DESCRIPTION:** M04000005-PPH GF 30 BK

**MSDS NO:** M04000005

**CHEMICAL DESCRIPTION:** Composition based on glass fiber reinforced polypropylene polymer.

**MANUFACTURER:**

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**2. HAZARDS IDENTIFICATION**

In accordance with Regulation (EU) no. 1272/2008 on classification, labelling and packaging of substances and mixtures.

Label elements and precautionary statement:

This product does not require a hazard warning label in accordance with CLP criteria.

Classification of substances and mixtures:

No classification is required for this product in accordance with CLP criteria.

Potential hazards ( According to Directive 1999/45/EC):

None.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS-NO	CLASSIFICATION
PPH	9003-07-0	-
GLASS FIBER	065997-17-3	-

**4. FIRST AID MEASURES**

**INHALATION:** No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary. If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.

**EYE CONTACT:** Wash with lots of clean water for at least 15 min.

**SKIN CONTACT:** The compound is not likely to be hazardous by skin contact, but cleaning skin after use is advisable. If molten polymer gets on skin, cool rapidly with cold water. Do not attempt to peel polymer from the skin. Obtain medical treatment for thermal burn.



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### 5. FIRE FIGHTING MEASURES

**FIRE EXTINGUISHING MEDIA:** Water, Dry chemical, CO<sub>2</sub>

**FIRE FIGHTING EQUIPMENT:** Keep personnel removed and upwind of fire. Wear self contained-breathing apparatus.

**EXPOSURE HAZARDS:** None known

**COMBUSTION PRODUCTS:** Carbon monoxide, ammonia, nitrogen oxides

### 6. ACCIDENTAL RELEASE MEASURES

In the case of spills, sweep, scoop or vacuum and remove. Flush spill area with water.

### 7. HANDLING AND STORAGE

**ENGINEERING MEASURES:** Provide natural or mechanical ventilation to minimize exposure.

If practical, use local mechanical exhaust ventilation at sources of air contamination such as processing equipment.

**STORAGE:** Keep in cool and dry place. Keep away heat, source of ignition. This product is not losses under normal conditions of storage.

### 8. EXPOSURE CONTROLS AND PERSONEL PROTECTION

**OCCUPATIONAL EXPOSURE LIMIT:** National authorities have established limits for particulates not otherwise classified that are the least stringent exposure limits applicable to dust.

**ACGIH TLV:**10 mg/m<sup>3</sup> (total dust) 8 hr TWA

**ACGIH TLV:**3 mg/m<sup>3</sup> (respirable) 8 hr TWA

**RESPIRATOY PROTECTION:** The appropriate type of equipment for a given application.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** SOLID-GRANULE

**COLOR:** BLACK

**DENSITY:** 1,11-1,14

**MELTING TEMPERATURE(°C):** 160-170

**ODOUR:** CHARACTERISTICS

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable at normal temperatures and storage conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide ,ammonia, nitrogen oxides

**CONDITIONS TO AVOID FLAME:** Do not heat above 300 °C. Avoid prolonged exposure to temperatures above 280 °C

**INCOMPATIBILITY:** Strong acids, bases and oxidizing agent

### 11. TOXICOLOGICAL INFORMATION

No toxicological information is available for this product as a whole although this material is considered practically non-hazardous. None of the additives are carcinogenic.



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**12. ECOLOGICAL INFORMATION**

No biodegradation, no solubility in water, no effects being harmful to the environment must be expected

**13. DISPOSAL CONSIDERATION**

Uncontaminated product can be recycled. This product waste can be mixed with household waste or incinerated in appropriate place

Waste product code no: 20 01 39 (European Waste Catalogue)

**14. TRANSPORT INFORMATION**

**Special shipping notes:** This product is not regulated by DOT, IMO, IATA, Canadian TDG and associated regulations ADR or RID

**15. REGULATORY INFORMATION**

- P210** : Keep away from source ignition  
**P102** : Keep locked up and out of the reach of children  
**P301+P312** : If swallowed seek medical advice and show this container and label  
**P402+P404** : Keep container tightly closed and dry

**16. OTHER INFORMATION**

Tisan Engineering Plastics Ltd. Co. believes that the information contained herein is accurate as of the date hereof. However, no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made herein as to the information provided or the product to which the information refers. The health and safety precautions contained herein may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

Nothing contained herein shall be construed as a license for the use of any product in a manner that would infringe existing patents.

Certificate Owner: Binnaz KAVUŞTURAN

Certificate Number: TSE-GBF-A-0-2512

Certificate Validation Date: 11.01.2020

Certificate Owner: Necati BEYOĞLU

Certificate Number: TSE-GBF-A-0-2588

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