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OLYMPUS
Marketing, Inc.

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Poly Klear
FIBERGLASS + RESIN

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MATERIAL SAFETY DATA SHEET

ACM GLASS FIBER E-CHOPPED STRANDS (3MM, 6MM)

Section 1: PRODUCT IDENTIFICATION

C.A.S. NUMBER : 65999-17-3

COMMON NAME : ACM GLASS FIBER E-CHOPPED STRANDS (3MM, 6MM)

PRIMARY USAGE : FOR REINFORCEMENT

Section 2: INGREDIENTS NOMINAL VALUES

E-GLASS (ALKALI CONTENT) : Less than 0.80 %

Combustible : 2.10-6.30 %

Section 3: PHYSICAL DATA

BOILING POINT : N.A.

%VOLATILE BY VOLUME : NONE

MELT POINT : N.A.

VAPOR DENSITY : N.A.

%SOLUBILITY (H₂O) : NEGLIGIBLE

SPECIFIC GRAVITY-FILAMENT : 2.3G/CM³

VAPOR PRESSURE : N.A.

APPEARANCE : white, clean

ODOR : NONE

Section 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD : N.A.

FLAMMABLE LIMITS LET : N.A.

FLAMMABLE LIMITS VEL : N.A.

EXTINGUISHING MEDIA : USE WATER AND FOAM ONLY THE
PACKAGING BURNS

SPECIAL FIRE FIGHTING PROCEDURES : N.A.

UNUSUAL FIRE AND EXPLOSION HAZARD : N.A.

LUZON:

REGIONAL OFFICE
TAGUIG

1st Avenue, Sta. Maria Industrial Subd,
Bagumbayan, Taguig City
Tel.#: (02) 506-8519 ; 837-0710
837-0708

VISAYAS:

HEADQUARTERS
CEBU

2F SEA Olympus Building, AC Cortes Ave.
Trunkline #: (032) 421-7777
Tel.#: (032) 346-7137 ; 421-7800 to 06
421-7817 to 18 ; 421-7823
Fax #: (032) 421-7789 ; 346-1817

MINDANAO:

REGIONAL OFFICE
DAVAO

Unit A16 J.King Warehouse Complex
Km.3 Maa Road, Davao City 8000
Telefax #: (082) 244-1206 ; 302-2711

✉ inquiry@olympus.com.ph



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Section 5: HEALTH EFFECTS

HANDLING OF GLASS FILAMENTS MAY CAUSE TEMPORARY SKIN, EYE AND UPPER RESPIRATORY IRRITATION.

Section 6: EMERGENCY AND FIRST AID PROCEDURES

| | | |
|------------------------------|---|--|
| UPPER RESPIRATORY IRRITATION | : | REMOVE FROM EXPOSURE |
| SKIN CONTACT | : | CLEANSE WITH SOAP AND WARM WATER |
| EYE CONTACT | : | FLUSH WELL WITH RUNNING WATER FOR 10 MINUTES |

Section 7: SPECIAL PROTECTION INFORMATION

USE GLASSES, GLOVES AND LOOSE FITTINGS TO AVOID TEMPORARY IRRITATION

Section 8: REACTIVITY

THIS IS A STABLE MATERIAL

Section 9: TRANSPORTATION AND DISPOSAL INFORMATION

GLASS FILAMENT PRODUCTS ARE NOT CONSIDERED AS DANGEROUS ACCORDING TO TRANSPORTATION REGULATIONS AND ARE THEREFORE SUBJECT TO NO SPECIAL PROCEDURE.

MAINTAIN IN ORIGINAL PACKAGING.

Section 10: SPILL LEAK AND DISPOSAL INFORMATION

| | | |
|-----------------|---|---|
| SPILL AND LEAKS | : | N.A. |
| WASTE DISPOSAL | : | SCRAP MATERIAL SHOULD BE DISPOSED OF IN A SANITARY LANDFILL IN ACCORDANCE WITH LOCAL GOVERNMENT REGULATIONS |

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TECHNICAL DATA SHEET

MATERIAL NAME: ACM GLASS FIBER E-CHOPPED STRANDS (3MM , 6MM)**MATERIAL CODE: ECS**

Alkali Resistant Chopped strand has excellent properties with alkali resistance, bundle-state, stiffness, and aging-proof. It is designed for ease of incorporation even at high dosage and remains integral during mixing. It is used in the manufacture of standard GRC components such as meter boxes or drainage channels, as well as in architectural applications such as decorative screen walling.

PROPERTIES

1. Good fluidity
2. Easy incorporation
3. Excellent bundle size
4. High integrity during mixing
5. High durability
6. Good wetting-out
7. Excellent flexibility

TECHNICAL CHARACTERISTICS

| Product code | Filament Diameter (microns) | Chop Length (mm) | Loss on ignition (%) | Moisture (%) |
|--------------|-----------------------------|------------------|----------------------|--------------|
| ECS3MM | 11 | 3 | 0.80±0.20 | ≤0.20 |
| ECS6MM | 11 | 6 | 0.80±0.20 | ≤0.20 |

PACKAGE

ECS is bundled into individual 1kg bulk bags. Polypropylene (PP) bags are used and can be placed in a pallet enough for about 36 bags.

STORAGE

Unless otherwise specified, it is recommended to store chopped strands in a cool, dry area. Temperature should not exceed 35°C (95°F) and the relative humidity should be kept below 75%. Chopped strands must remain in packaging material until just prior to their use. If these conditions are respected, the chopped strands should not undergo significant changes when stored for extended periods of time.

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