



MATERIAL SAFETY DATA SHEET

for Clearsorber Micro Perforated, Light Transmitting ETFE Foil Systems

1. PRODUCT IDENTIFICATION

TRADE NAMES: (AS LABELED)	Clearsorber® Foil – ET
MANUFACTURER's OR DISTRIBUTOR's NAME:	RPG ACOUSTICAL SYSTEMS, LLC.
ADDRESS:	99 SOUTH ST. PASSAIC, NJ 07055
PHONE NUMBER:	(973)-916-1166
DATE PREPARED OR REVISED:	APRIL 18, 2022

2. HAZARD IDENTIFICATION

No specific danger is associated with normal industrial utilization of the product. During converting of film rolls electrostatic discharges can be generated. This product is, according to EEC directives 1999/45, 67/548, 1907/2006 and following amendments, not classified as hazardous.

3. HAZARDOUS INGREDIENTS

Characterization: Copolymer film based on Ethylene/Tetraflouroethylene Flourpolymer (ET)

CAS-No: 74499-71-1

Confidentiality: The identity of the composition is confidential.

4. FIRST AID MEASURES (FOR FIELD CUTTING)

EYE CONTACT: Non-irritant. In the event of exposure to dust or irritation caused by fumes, flush with distilled water for at least 10min and seek medical assistance.

SKIN CONTACT: Non-irritant. In case of skin contact by molten material, the patient should be referred for immediate medical attention and under no circumstances should any attempt be made to peel the solidified polymer off the skin.

INHALATION/INGESTION: Considering the physical form of the product, inhalation and/or ingestion are not likely to be possible during normal use. In case



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of inhalation of fumes, the affected person should be removed to fresh air as soon as possible, kept warm and artificial respiration applied as necessary. Medical attention should be obtained immediately. Fumes of decomposition products are known to cause influenza like symptoms like chest pain or tightness, shortness of breath, increased heart rate, fever and chills.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Ignition Temperature: Not applicable.

Melting Point: 260-280deg Cel.

Decomposition Temperature: > 400° C

ASTM Flammability Classification: Class A (per E-84-10A)

Specific Hazards:

In case of fire toxic gases emerge due to decomposition of the material. Carbon Monoxide (CO), Carbon Dioxide (CO₂), Hydrofluoric Acid (HF), Carbonyl Fluoride Perfluoroisobutylene, Hexafluoropropylene.

Extinguishing Media:

Non-combustible, choose agents suitable for surrounding fire like water fog, foam, CO₂ dry chemicals. Do not use full water jet.

Fire Fighting Procedures:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. STABILITY AND REACTIVITY

Stability: Material considered stable under specified conditions of storage, shipment and use.

Conditions to avoid: High temperature >400°C

Incompatibility with Other Materials: Alkali and alkaline earth metals, reactions with metals in powder form occur from 370°C onward.

Hazardous Decomposition Products: Carbonyl Fluoride, Carbon Monoxide, Hydrogen Fluoride, Perfluoroisobutylene.

7. TOXICOLOGICAL INFORMATION



No specific test data available, no evidence for hazardous properties (structure-activity-relationships) for:

Acute Oral Toxicity
Irritant Effect on the Skin
Irritant Effect on the Eyes
Sensitization
Mutagenicity
Carcinogenicity
Reprotoxicity
Teratogenicity

Further Information on Toxicology: According to experience, the product is harmless to health if handled in the correct manner. Fumes of Decomposition products are known to cause influenza like symptoms like chest pain or tightness, shortness of breath, cough, malaise, muscle aches, increased heart rate, fever, chills, sweats, nausea and headache. These symptoms ease after 36-48 hours.

8. ECOLOGICAL INFORMATION

Ozonosphere: According to 2000/2037/EC no ozone depleting potential.

Aquatic: Not soluble in water.

Degradability: Not biodegradable, persistent in the environment.

Environmental Impact: No negative environmental impacts known.

9. DISPOSAL CONSIDERATIONS

Recycling: Clean material can be recycled.

Product: In accordance with the necessary technical regulations may be dumped or incinerated with household waste, after consultation with site operator and with the responsible authority. Combustion products will include HF. Facility must be capable of handling halogenated materials.

Name of Waste: Plastic wastes containing fluoride compounds.

EPA Hazardous Waste: Not regulated.

10. TRANSPORTATION CONSIDERATIONS

Material is not subject to the regulations on dangerous goods.