



MATERIAL SAFETY DATA SHEET

for TPS Sound Diffusing Products

1. PRODUCT IDENTIFICATION

TRADE NAMES: (AS LABELED)	FORMEDFFUSOR™ HARMONIX™ K
MANUFACTURER'S NAME:	RPG DIFFUSOR SYSTEMS, INC.
ADDRESS:	651C COMMERCE DR. UPPER MARLBORO, MD 20774
PHONE NUMBER:	(301)-249-0044
DATE PREPARED OR REVISED:	MAY 21, 2002
PREPARED BY:	JSM

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT		EXPOSURE LIMITS IN AIR (GIVE UNITS)	
			ACHIH TLV	OSHA PEL	OTHER (specify)
Polyvinyl chloride; ethane, chloro-homopolymer	9002-86-2	0-99%	Not Classified	None established	
Chlorinated polyvinyl chloride	68648-82-8	0-99%	None Classified	None established	
Organotin	TRADE SECRET	0.1-3%	.1mg/m ³	.1mg/m ³	
Other	TRADE SECRET	2-50%	10mg/m ³	5mg/m ³	

Emergency Overview:

Thermoplastic is in general a non-hazardous polymeric material and does not present any serious hazards during its normal handling and use. As with any material; however, there are guidelines that should be followed in an emergency situation. If dust or vapors are inhaled, move to a well ventilated area. If skin or eyes are irritated, flush with water for 15 minutes.

Potential Health Effects:

Primary Entry Routes: Inhalation, skin/eyes, ingestion (vapors if burned or dust from machining the sheet)

Target Organs: Respiratory system, eyes.



®

RPG DIFFUSOR SYSTEMS, INC.**Acute Effects:**

Inhalation: Prolonged inhalation of dust may cause nose, throat and upper respiratory tract irritation. Excessive heating may lead to decomposition with the release of hydrogen chloride that could cause irritation to upper respiratory tract.

Eye: Excessive heating may lead to decomposition with the release of hydrogen chloride that could cause irritation of eyes.

Skin: Dust from cutting and machining the sheet may be irritating to skin.

Ingestion: Not a likely route of exposure

Carcinogenicity: IARC, NTP, and OSHA do not list TPS sheet as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Not known

Chronic Effects: Not known

Inhalation: If irritation occurs from dust or vapors due to excessive heating, move to a well-ventilated area; if irritation persists, consult a physician.

Eye Contact: If irritation occurs from dust or vapors due to excessive heating, flush eyes with large amounts of water for at least 15 minutes; if irritation persists, consult a physician.

Skin Contact: If irritation occurs from dust or vapors from excessive heating, flush skin with large amounts of water for at least 15 minutes; if irritation persists, consult a physician.

Ingestion: Not a likely route of exposure

Note to Physicians: None

Special Precautions/Procedures: None

3. PHYSICAL PROPERTIES

Physical State: Solid

Appearance and Odor: Opaque plastic sheet; slight odor

Odor Threshold: Not available

Vapor Pressure: Not available

Vapor Density (Air=1): Not available

Formula Weight: Not available (Mix)

Density: 1.3-1.5 g/cc

Specific Gravity (H₂O=1, at 4 °C): 1.3-1.5

pH: Not available

Water Solubility: Negligible

Other Solubilities: Tetrahydrofuran (THF)

Boiling Point: Not available

Freezing/Melting Point: Not available

Viscosity: Not available (solid)

Refractive Index: Not available (opaque)

Surface Tension: Not available

% Volatile: Not available

Evaporation Rate: Not available