



MATERIAL SAFETY DATA SHEET

for GRG Sound Diffusing Products

1. PRODUCT IDENTIFICATION

TRADE NAMES: (AS LABELED)	BICUBIC™ G BIRADIAL™ G GAUSSIAN™ G HARMONIX™ G LITEFFUSOR® FRG MONORADIAL™ G OMNIFUSOR® FRG SPLINE™ G
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:	JEFF MADISON

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	EXPOSURE LIMITS IN AIR (GIVE UNITS)		
			ACHIH TLV	OSHA PEL	OTHER (specify)
GLASSFIBER MAT	65997-17-3	6%	10mg/m ³	15mg/m ³	(10mg/m ³ in CA)
GYPSUM	10101-41-4	94%	None	none	(Non-Hazardous)

3. PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1):	N/A	MELTING POINT OR RANGE (F):	N/A
SPECIFIC GRAVITY:	2.5 approx.	Boiling Point or Range (F):	N/A
SOLUBILITY IN WATER:	0.2%	EVAPORATION RATE (BUTYL ACETATE = 1):	N/A



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VAPOR PRESSURE, mmHG or 20 deg. C:	N/A		
APPEARANCE:	Material comes in solid "form-molded" shapes.	ODOR:	N/A

Warning properties of substance as a gas, vapor, dust, or mist: N/A

4. FIRE AND EXPLOSION

FLASH POINT, DEG. F (GIVE METHOD): Non-combustible
AUTO IGNITION TEMPERATURE, DEG. F: N/A
FLAMMABLE LIMITS IN AIR, VOLUME %: N/A
FIRE EXTINGUISHING MATERIALS: That which is appropriate for surrounding fire. <input type="checkbox"/> WATER <input type="checkbox"/> CARBON DIOXIDE <input type="checkbox"/> FOAM <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

5. HEALTH HAZARD INFORMATION

SYSTEMS OF OVERDOSE (FOR EACH POTENTIAL ROUTE OF EXPOSURE.)

INHALED:	Dust from cutting or grinding may cause temporary irritation.
CONTACT WITH SKIN OR EYES:	Dust may cause irritation, temporary itching of skin.
ABSORBED THROUGH SKIN:	N/A
SWALLOWED:	No known hazard.

HEALTH EFFECTS OR RISKS FROM EXPOSURE (EXPLAIN IN LAY TERMS.)

ACUTE:	Exposure to glass fibers in the dust from this product may cause irritation of the skin and less frequently, irritation of the eyes, nose or throat. Gypsum dust is a respiratory irritant and may dry the skin.
CHRONIC:	No chronic health effects from exposure to fibrous glass. Gypsum is regarded as a <i>nuisance dust</i> .

FIRST AID: EMERGENCY PROCEDURES

EYE CONTACT:	Wash with distilled water and consult a physician if irritation persists.
SKIN CONTACT:	No emergency procedure is required.
INHALED:	No emergency procedure is required.
SWALLOWED:	Consult physician for observation / treatment.

SUSPECTED CANCER AGENT?

XX NO:	This product's ingredients are not found in the lists below.
YES:	<input type="checkbox"/> FEDERAL OSHA <input type="checkbox"/> NTP <input type="checkbox"/> IARC

- CALIFORNIA EMPLOYERS USING CAL/OSHA – REGULATED CARCINOGENS MUST REGISTER WITH CAL/OSHA. THE CAL/OSHA AND FEDERAL OSHA CARCINOGEN LISTS ARE SIMILAR.



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- MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: THOSE PRONE TO ALLERGIES, ASTHMA, BRONCHITIS, OR PULMONARY DISEASE MAY EXPERIENCE INCREASED IRRITATION TO THE NOSE.

6. REACTIVITY DATA

STABILITY:	<u>XX</u> stable	<u> </u> Unstable
CONDITIONS TO AVOID:	The material will lose its integrity when submersed in water. Keep product dry to maintain integrity.	
INCOMPATIBILITY (MATERIALS TO AVOID):	None	
HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS):	If heated to 1450 deg. C, will release SO ₂ & CAO.	
HAZARDOUS POLYMERIZATION:	<u> </u> May occur	<u>XX</u> Will not occur
SITE CONDITIONS TO AVOID:	Keep area around product dry to maintain integrity.	

7. SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURES (INCLUDE EMPLOYEE PROTECTION MEASURES):	N/A
PREPARING WASTES FOR DISPOSAL (CONTAINER TYPES, NEUTRALISATIONS, ETC...):	Normal disposal as for any dry, inert dust (from cutting) or solids.

NOTE: DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

8. SPECIAL HANDLING INFORMATION

VENTILATION AND ENGINEERING CONTROLS:	Local exhaust if above TLV during cutting or grinding.
RESPIRATORY PROTECTION (TYPE):	NIOSH approved respirator for <i>nuisance dust</i> if above TLV during cutting or grinding.
EYE PROTECTION (TYPE):	Dust goggles or safety glasses during cutting or grinding.
GLOVES (SPECIFY MATERIAL):	Lightweight or work gloves may help reduce skin irritation from dust.
OTHER CLOTHING AND EQUIPMENT:	Coveralls or work clothes to protect street clothes from dust.
WORK PRACTICES, HYGIENIC PRACTICES:	Keep dust production to a minimum, keep work area clean. Do not use compressed air to "blow down" clothing. Wash exposed skin surface regularly with soap and water.
OTHER HANDLING AND STORAGE REQUIREMENTS:	Store in a dry area.
PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:	N/A