



RPG DIFFUSOR SYSTEMS, INC.

## MATERIAL SAFETY DATA SHEET

for MDF Core Sound Absorbing and Diffusing Panel Products

### 1. PRODUCT IDENTIFICATION

TRADE NAMES: (AS LABELED)	DADO™ EXPO™ PERFECTO™ PLANARFORM™ REFLECTOR W OMNIFFUSOR® WOOD WAVEFORM® GAUSSIAN W WAVEFORM® MONORADIAL W WAVEFORM® SPLINE W
MANUFACTURER'S OR DISTRIBUTOR'S NAME:	RPG DIFFUSOR SYSTEMS, INC.
ADDRESS:	651C COMMERCE DR. UPPER MARLBORO, MD 20774
PHONE NUMBER:	(301)-249-0044
DATE PREPARED OR REVISED:	11/8/2012

### 2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS #	PERCENT	AGENCY	EXPOSURE LIMITS	COMMENTS
METHYLENE-DIPHENYL-DIISOCYANATE (pMDI)	101-68-8	< 10% by weight	OSHA	PEL – TWA: .02 PPM	
			ACGIH	TLV – TWA: .005 PPM	
AMMONIUM POLYPHOSPHATE	68333-79-9	10-15%	OSHA		
WOOD DUST/LIGNO-CELLULOSIC FIBER			OSHA	PEL – TWA 15.0 mg/m <sup>3</sup> (total dust)	
			OSHA	PEL – TWA 5.0 mg/m <sup>3</sup> (respirable fraction)	
WOOD DUST/LIGNO-CELLULOSIC FIBER (Inhalable Fraction)			ACGIH	TLV-TWA 1.0mg/m <sup>3</sup>	



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### 3. HAZARD IDENTIFICATION

**OVERVIEW:** MDF Core acoustical panel products, as sold by RPG, do not present an inhalation, ingestion or skin hazard. However, individual customer processes, (such as field cutting or sanding the surface) may result in the formation of fumes, dust (combustible or otherwise), and/or particulate formation that may present a variety of health hazards.

#### ACUTE

**INHALATION:** Ligno-cellulosic fibers may cause nasal dryness, irritation and obstruction. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported.

**EYE CONTACT:** Ligno-cellulosic fibers can cause mechanical irritation.

**SKIN CONTACT:** Various species of ligno-cellulosic fibers may evoke allergic contact dermatitis in sensitized individuals.

**INGESTION:** Not likely to occur.

#### CHRONIC

Ligno-cellulosic fibers, depending on species, may cause respiratory sensitization and/or irritation. IARC classifies wood dust as a carcinogen to humans (Group 1). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. IARC did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust. The National Toxicology Program (NTP) includes wood dust in its Annual Report on carcinogens.

**HMIS Ratings:** Health: 1 Fire: 0 Physical Hazard: 0

Hazard Scale: 0 = *Minimal* 1 = *Slight* 2 = *Moderate* 3 = *Serious* 4 = *Severe*

#### FIRST AID MEASURES

**INHALATION:** Ligno-cellulosic fibers may cause unpleasant obstruction in the nasal passages, resulting in dryness of nose, dry cough, sneezing and headaches. Remove to fresh air. Get medical attention if irritation persists, severe coughing or breathing difficulty occurs.

**EYE CONTACT:** Ligno-cellulosic fibers may cause mechanical irritation. Treat dust in eye as foreign object. Flush eyes with large amounts of water. Remove to fresh air. If irritation persists, get medical attention.



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**SKIN CONTACT:** Wash affected areas with soap and water. Get medical attention if rash or irritation persists or dermatitis occurs.

**INGESTION:** Not Applicable.

- 4. GENERAL PRODUCT INFORMATION:** This panel product is recyclable. It is the user's responsibility to determine at the time of disposal whether your product meets any applicable criteria for hazardous waste disposal. Disposal must follow applicable federal, provincial, state and local regulations.

**EPA Waste Number & Descriptions**

This product in purchased form is not considered hazardous waste under federal hazardous waste regulations 40 CFR 261. If the product is altered by processing, use or contamination, waste can be tested using methods described in 40 CFR 261 to determine whether the altered product meets the criteria for hazardous waste. State, provincial and local requirements for waste disposal may be different than U.S. federal regulations.

**Disposal Instructions**

If disposed or discarded in its purchased form, ordinary trash collection is acceptable. It is the user's responsibility to determine at the time of disposal whether your product meets RCRA criteria for hazardous waste. Follow applicable federal, state, provincial and local regulations.