

**HYDRO SEALING TECHNOLOGY SDN BHD** (426172-P)

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**HYDRO**  
House of Seals

## Material Safety Data Sheet

# EPDM 70

### 1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION

Product Name : EPDM Compound / E7050AA  
MSDS No. : E0005  
Chemical Name : **ETHYLENE-PROPLENE ELASTOMER**

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Nature (Preparation)

Description : ETHYLENE-PROPLENE/ETHYLIDENE-NORBORNENE  
HYDROCARBON ELASTOMER (CAS Number : 25038-36-2)

**Hazardous Ingredient :**

### 3. HAZARDS IDENTIFICATION

Potential Health Effects

Possible routes of entry include skin & eye contact and process vapor or dust inhalation.

Smokers should avoid contamination of tobacco products with product and should wash their hands before smoking.

### 4. FIRST AID MEASURES

Inhalation :

Remove to the affected individual to fresh air. Consult a physician if symptoms persist.

Skin Contact : Wash with soap and water.

Eye Contact :

Flush eyes with plenty of water. Consult a physician if symptoms persist.

Ingestion :

Not expected to occur during normal use of product.

## 5. FIRE FIGHTING MEASURES

### Extinguishing Media

Water, Foam, Dry Chemical, CO<sub>2</sub>

### Fire Fighting Instructions

Wear self-contained breathing apparatus. Wear full protective equipment.

### Exposure Hazards

Decomposition products see section 10

## 6. ACCIDENTAL RELEASE MEASURES

### Safeguards ( Personnel)

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Spill Clean Up : Sweep up to avoid slipping hazard.

## 7. HANDLING AND STORAGE

Handling : Protect against fire.

Storage : Store in cool, dry place away from direct light to maintain quality.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Engineering Controls

Ventilation : Vapors and fumes liberated from compounds during hot cured processing should be exhausted from work areas to maintain the ambient workplace atmosphere below the limits listed in section 2.

### Personal Protective Equipment

Respirators : When temperature Exceed 200 and ventilation is inadequate to maintain concentration below exposure limits, use a positive pressure air supplied respirator. Air purifying respirators may not provide adequate protection.

Protective Clothing : If there is potential contact with hot / molten material, wear heat resistant clothing and footwear. Do not touch decomposed parts even when cool. Neoprene gloves recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical Data :

Melting Point	: NA
% Volatiles	: NA
Solubility in Water	: Insoluble
Odor	: With a mild characteristic odor
Colour	: Black
Appearance	: Solid
Special Gravity	: 1.12 – 1.18

## 10. STABILITY AND REACTIVITY

Chemical Stability : Stable at normal temperature and storage condition.

Conditions to avoid : Overheating

Incompatibility with other materials :

No specific information is available, however strong oxidizers or reducing agents which generally not compatible with compounds.

Hazardous Decomposition Products :

Fumes produced when heated to decomposition temperatures may contain carbon monoxide, carbon dioxide, hydrogen cyanide, oxides of nitrogen, and small amounts of aromatic and aliphatic hydrocarbons. Combustion products from rubber, like those of other natural and synthetic materials must be considered toxic.

## 11. TOXICOLOGICAL INFORMATION

No information is available.

## 12. ECOLOGICAL INFORMATION

Aquatic Toxicity :

No information is available.

## 13. DISPOSAL CONSIDERATIONS

Waste Disposal

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery and (3) landfill. The high fuel value of this product makes option 2 very desirable for

material that cannot be recycled, but incinerator must be capable of scrubbing out acidic combustion products. Treatment, storage, transportation and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

## 14. TRANSPORTATION INFORMATION

Shipping Information

DOT

Proper Shipping Name : Not Regulated

Hazard Class : Not Regulated

## 15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA inventory Status :

This product and all components are listed on U.S. EPA Toxic Substances Control Act Inventory and in accordance with EC directives/GefStoffV.

## 16. OTHER INFORMATION

Hazard rating System Classifications :

	<b>NFPA</b>	<b>HMIS</b>	
Health	2	0	National Fire Protection Association rating identifies hazards a fire emergency.
Flammability	1	1	Hazardous Materials Identification System rating applies to products as packaged.
Reactiviti	0	0	

**\*\*Key : 0 = least ; 1 = slight ; 2 = moderate ; 3 = high ; 4 = extreme**

**Important Note :**

**This information is furnished without warranty, expressed or implied as to accuracy or completeness. This information is obtained from various sources including the manufacturer and other third party sources. The safety data sheet only describes the products in aspect to their safety requirements.**

**- END OF MSDS -**