

# SAFETY DATA SHEET

## SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: 60 EPDM

056-020-02

CHEMICAL NAME: Ethylene propylene elastomer

CAS NUMBER: None

PRODUCT IDENTIFIER: EPDM compound

RECOMMENDED USE OF PRODUCT: Manufacture of rubber articles

## SECTION 2. HAZARDS IDENTIFICATION

GHS Classification of Product: Non-hazardous substance

Common Name or Synonym: EPDM compound

Specific Hazard(s): All polymeric compounds may emit processing vapors that are toxic. Good ventilation is required. Prolonged and/or repeated contact with skin may cause irritation, and inhalation of vapors during processing can irritate eyes and respiratory tract.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

		CAS #	EC #	% OF CMPD WT	
1. Carbon black	Poss. Carcinogen	1333-86-4	215-609-9	36.9	
2. Zinc oxide	Nuisance	1314-13-2	215-222-5	1.1	
3. DEHP	Suspected carcinogen	117-81-7	204-211-0	0.2	
4. Calcium oxide	Irritant	1305-78-8	215-138-9	2.3	
5.					
6.					

**SECTION 4. FIRST AID MEASURES**

**Primary Routes of Entry:** Inhalation of processing vapors. Skin contact with hot product.

**First Aid Procedures:** Inhalation: Remove to fresh air. Immediate medical attention is necessary if exposed person has difficulty breathing.  
Skin contact: Wash with soap and water. Seek medical attention in case of skin damage due to hot product contact.

**SECTION 5. FIREFIGHTING MEASURES**

**Extinguishing Media:** Suitable extinguishing media for Class A combustibles. Water, protein foams and ABC dry powder. Carbon dioxide may not be recommended.

**Special Fire Fighting Procedures:** Positive-pressure self-contained breathing apparatus (SCBA) must be used. No personnel may expose himself or herself to vapors or smoke without SCBA. Polymers are Class A combustibles that may produce several different toxic combustion products according to composition. Any dust formed in processing may be explosive.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Spills:** Clean up in a manner consistent with good housekeeping. Handle as a solid non-hazardous waste. Do not flush into public sewer or water system. No special PPE is required.

**Disposal:** Dispose of in accordance with National, State, and local regulations. This product is not defined as hazardous by current provisions of RCRA. (40CFR261)

## SECTION 7. HANDLING AND STORAGE

<b>Storage:</b>	Store away from sources of oxidizers, heat and light.
<b>Safe Handling:</b>	This product may be handled as any non-hazardous material. Care must be taken during processing when toxic vapors, gases or fumes may be generated. Adequate ventilation is required. Hot product may require gloves.

## SECTION 8. SPECIAL PROTECTION INFORMATION

<b>Ventilation Requirements:</b>	Local exhaust ventilation is required for all processing operations. Avoid breathing fumes.
<b>Personal Protection Equipment:</b>	Avoid skin contact by use of personal protective equipment and good personal hygiene. In the absence of adequate ventilation for hot processing vapors and/or where particulate limits are exceeded, use NIOSH-certified respiratory protection as required.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black strips
<b>Odor:</b>	Characteristic rubber odor
<b>Specific gravity:</b>	Refer to test data provided with shipment.
<b>Odor Threshold:</b>	N/D
<b>pH:</b>	N/A
<b>Melting Point:</b>	N/D
<b>Vapor Density:</b>	N/A
<b>Boiling Point:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Evaporation Rate:</b>	N/A
<b>Solubility (H<sub>2</sub>O):</b>	Insoluble in water
<b>Flash Point:</b>	N/A
<b>Autoignition Temperature:</b>	N/D
<b>Decomposition Temperature:</b>	N/D
<b>Explosive Limits in Air:</b>	N/A
<b>Partial Coefficient:</b>	N/D
<b>Extinguishing Media:</b>	Water, protein foams and ABC drypowder.

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**N/A** = Not Applicable

**N/D** = Not Determined

**SECTION 10. STABILITY AND REACTIVITY**

**Stability:** Stable at ambient temperature and pressure  
**Incompatibility:** None known. Keep oxidizing agents away.  
**Hazardous Reactions:** None known.  
**Hazardous Decomposition Products:** Combustion products include carbon monoxide and carbon dioxide. Smoke from all burning polymers is considered toxic. Other toxic gases may be formed depending upon the decomposing polymer present.

**Conditions to Avoid:** High heat and the presence of oxidizers.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Toxicological Effects:** None known. This product is considered non-hazardous.  
**Measures of Toxicity:** No test results have been determined.  
**Delayed and immediate Effects of Exposure:** None known

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No data available  
**Persistence:** No data available  
**Bioaccumulative Potential:** No data available  
**Mobility in Soil:** No data available  
**Other Adverse Effects:** None known

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal:** Dispose of in accordance with National, State, and local regulations. This product is not defined as hazardous by current provisions of RCRA. (40CFR261)

**SECTION 14. TRANSPORT INFORMATION**

UN Number: This product is not classified as a dangerous good for transport.  
Marine Pollutant: No data available.  
Special Precautions: None necessary.

**SECTION 15. REGULATORY INFORMATION**

Regulatory Information: This product is not classified as a dangerous good. All ingredients are listed or exempt on the TSCA inventory.

**SECTION 16. OTHER INFORMATION**

We cannot, through this Safety Data Sheet (SDS), anticipate all possible conditions in which this product will be handled, stored, and/or processed. Therefore, it is up to the user to determine when additional precautions must be taken to prevent any hazardous situation from arising. It is the user's responsibility to use the information provided to develop appropriate health and safety work guidelines for the user's operation.

We make no representation or warranty with respect to the information in this SDS, and expressly disclaims any liability for any use of this product. The information is true and accurate to the best of Our knowledge at this time, and is not intended to be all-inclusive.

All information presented is based on information provided by suppliers to Actual conditions of use and handling may require information other than, or in addition to, that which is provided here.

SDS Prepared by: Michael Messmer

California Proposition 65 Ingredients: Yes; All ingredients are coated with polymer, and will not be present as airborne, unbound particles of respirable size.

SDS reference: PPP-1917

SDS DATE: 11/06/14 SUPERSEDES SDS DATED: