

11/07/201410/23/2014

1. Product and Company Identification

Product Code: 00390
Product Name: 300, 400, 500, 600 & 800 Series EPDM, IP, Blended Oil and Blended Non-Oil EPDM
Trade Name: Ethylene Propylene 1,4 Hexadiene Terpolymer
Company Name: Goldsmith & Eggleton
Ravago Manufacturing Americas
1900 Summit Tower Blvd., Suite 900
Orlando, FL 32810
Web site address: www.ravagomfg.com
Email address: sds-rma@ravagoamericas.com
Emergency Contact: ChemTrec: (800) 424-9300
Information: (330) 336-6616

2. Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply. **GHS**
Precaution Phrases: No phrases apply. **GHS**
Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Potential Health Effects (Acute and Chronic): The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling.
Inhalation: Fumes produced during melt process may cause eye, skin and respiratory irritation. **Skin Contact:** Heated material can cause thermal burns resulting in pain, redness and blistering.
Eye Contact: May cause eye irritation.
Ingestion: May be harmful if swallowed.
Medical Conditions Generally Aggravated By Exposure: None known.

3. Composition/Information on Ingredients

SAFETY DATA SHEET

300, 400, 500, 600 & 800 Series EPDM, IP,

Revision:Printed:

11/07/201410/23/2014

Blended Oil and Blended Non-Oil EPDM

| CAS # | Hazardous Components (Chemical Name) | Concentration | NA | NO |
|-------|--------------------------------------|---------------|----|----|
|-------|--------------------------------------|---------------|----|----|

| | | | | |
|--|-----------------------|--------|--|--|
| | HAZARDOUS INGREDIENTS | ~100 % | | |
|--|-----------------------|--------|--|--|

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11/07/201410/23/2014

4. First Aid Measures

| | |
|--|--|
| Emergency and First Aid Procedures: | For processing fume inhalation, leave the contaminated area and breathe fresh air. |
| In Case of Inhalation: | Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. |
| In Case of Skin Contact: | Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water. |
| In Case of Eye Contact: | In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. |
| In Case of Ingestion: | If swallowed, wash out mouth with water provided person is conscious. Call a physician. |
| Signs and Symptoms Of Exposure: | The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal processing conditions. |
| Note to Physician: | None |

5. Fire Fighting Measures

| | | | |
|--------------------------------------|--|---------------------|----------------|
| Flash Pt: | NA | Method Used: | Not Applicable |
| Explosive Limits: | LEL: NA | UEL: | NA |
| Autoignition Pt: | NA | | |
| Suitable Extinguishing Media: | Water spray and foam. Water is the best extinguishing medium. | | |
| Fire Fighting Instructions: | Emits toxic fumes under fire conditions. Approved positive pressure demand breathing apparatus (SCBA) and protective clothing should be used for all fires. Flammable Properties and Hazards: Carbon dioxide and carbon monoxide generated when the material burns. | | |

6. Accidental Release Measures

| | |
|---|---|
| Steps To Be Taken In Case Material Is Released Or Spilled: | Vacuum or sweep up material and place into a suitable disposal container. |
|---|---|

7. Handling and Storage

| | |
|---|--------------------------------|
| Precautions To Be Taken in Handling: | Use with adequate ventilation. |
| Precautions To Be Taken in Storing: | Store in a cool, dry place. |

8. Exposure Controls/Personal Protection

300, 400, 500, 600 & 800 Series EPDM, IP,

Revision:Printed:

11/07/201410/23/2014

Blended Oil and Blended Non-Oil EPDM

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|---|--|----------|-----------|-------------------|
| NA | NO HAZARDOUS INGREDIENTS | | | |
| Respiratory Equipment (Specify Type): | Follow the OSHA respirator regulations found in {149} CFR {1910.134} or European Standard EN {149}. Use a NIOSH/MSHA or European Standard EN {149} approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. | | | |
| Eye Protection: | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in {1910.133} CFR {1910.133} or European Standard EN166. | | | |
| Protective Gloves: | Wear appropriate protective gloves to minimize skin exposure. | | | |
| Other Protective Clothing: | Wear appropriate protective clothing to minimize contact with skin. | | | |
| Engineering Controls (Ventilation etc.): | Use adequate ventilation to keep airborne concentrations low. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels. | | | |
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300, 400, 500, 600 & 800 Series EPDM, IP,

Revision:Printed:

11/07/201410/23/2014

Work/Hygienic/Maintenance Practices: Was heretofore only offered as **Blended Oil and Blended Non-Oil EPDM**

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid **Appearance and**

Odor: White to yellow bundle with slight or no odor.

Melting Point: NA

Boiling Point: NA

Decomposition Temperature: > 300.00 C (572.0 F)

Autoignition Pt: NA

Flash Pt: NA Method Used: Not Applicable

Explosive Limits: LEL: NA UEL: NA

Specific Gravity (Water = 1): > 1

Vapor Pressure (vs. Air or NA

mm Hg):

Vapor Density (vs. Air = 1): NA

Evaporation Rate: NA **Solubility in**

Water: NA

Solubility Notes: Insoluble in cold water. **Percent Volatile:** < 1.0 %

10. Stability and Reactivity

300, 400, 500, 600 & 800 Series EPDM, IP,

Revision:Printed:

11/07/201410/23/2014

Blended Oil and Blended Non-Oil EPDM

Stability: Unstable [] Stable []

Conditions To Avoid - Stable under recommended conditions of storage and handling.

Instability:

Incompatibility - Materials To No special recommendations.

Avoid:

Hazardous Decomposition Or Processing fumes evolved at recommended processing conditions may include trace

Byproducts: levels of low molecular weight hydrocarbon fragments, carbon dioxide, carbon monoxide and Irritating fumes and gases. **Possibility of Hazardous** Will occur [] Will not occur [] **Reactions:**

Conditions To Avoid - Under normal conditions of use, hazardous decomposition will not occur. **Hazardous**

Reactions:

11/07/201410/23/2014

11. Toxicological Information

Toxicological Information:

Carcinogenicity/Other Information:

CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA NA NO HAZARDOUS INGREDIENTS n.a.
n.a. n.a. n.a.

12. Ecological Information

| | |
|--|---|
| General Ecological Information: | This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Persistence and Degradability: | No data available. |
| Bioaccumulative Potential: | This product will not readily bioaccumulate due to its insolubility in water. |
| Mobility in Soil: | Soil mobility is expected to be negligible, because the product is insoluble in water. |

13. Disposal Considerations

| | |
|-------------------------------|--|
| Waste Disposal Method: | Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in {261} CFR Parts {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed. |
|-------------------------------|--|

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class: UN/NA Number:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Non-Hazardous for Air Transport.

15. Regulatory Information

300, 400, 500, 600 & 800 Series EPDM, IP,

Revision:Printed:

11/07/201410/23/2014

Blended Oil and Blended Non-Oil EPDM

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|-------|--------------------------------------|--------------|-----------|--------------|
| NA | NO HAZARDOUS INGREDIENTS | No | No | No |

This material meets the EPA Yes No Acute (immediate) Health Hazard'Hazard Categories' defined Yes No Chronic (delayed) Health Hazardfor SARA Title III Sections Yes No Fire Hazard311/312 as indicated: Yes No Sudden Release of Pressure Hazard Yes No Reactive Hazard

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-------|--------------------------------------|--|
| NA | NO HAZARDOUS INGREDIENTS | CAA HAP,ODC: No; CWA NPDES: No; TSCA: No |

| CAS # | Hazardous Components (Chemical Name) | International Regulatory Lists |
|-------|--------------------------------------|---|
| NA | | NO HAZARDOUS INGREDIENTS Canadian DSL: No; Canadian NDSL: No; Mexico INSQ: No; REACH: No |

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11/07/201410/23/2014

Blended Oil and Blended Non-Oil EPDM

16. Other Information

300, 400, 500, 600 & 800 Series EPDM, IP,

Revision:Printed:

11/07/201410/23/2014

Blended Oil and Blended Non-Oil EPDM

Revision Date: 10/23/2014
Preparer Name: Safety & Environmental Department

Additional Information About Information given herein is offered in good faith as accurate, but without guarantee. The **This Product:** conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product. Appropriate warnings and safe handling procedures should be provided to handlers and users.