

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

| | |
|---------------------|------------------------------------|
| Product Name | MONPRENE |
| Product Code | RG-18260 NAT |
| Description | 1080674 THERMOPLASTIC ELASTOMER |

1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|-----------------------------|--|
| Recommended use | Restricted to professional users, Production of polymeric products |
| Uses advised against | No information available |

1.3. Details of the supplier of the safety data sheet

Teknor Apex Company
505 Central Avenue
Pawtucket, RI 02861
USA
800-556-3864

| | |
|--|--------------------------|
| SDS Contact (email of responsible person) | |
| E-mail address | TeknorSDS@TeknorApex.com |

1.4. Emergency telephone number

ChemTel 24-Hr Emergency Response Telephone Number:
USA Only: 800-255-3924
International: 001-813-248-0585
Contract #: MIS0006505
China: 0532-83889090

Section 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Statements

Not Applicable

Precautionary Statements - EU (§28, 1272/2008)

Not Applicable

SUPPLEMENTAL INFORMATION

No information available

2.3. Other hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

The components of this product are embedded in an impervious polymer matrix and are therefore not biologically available. Any hazardous constituents are fixed in the polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling. Additives contained in this product do not pose a risk to health unless they are liberated during processing (fumes from melting, dusts). Suitable Industrial Hygiene precautions should be implemented to prevent (respirable) dust and fume exposures. Exposure to (melting) fumes should be kept as low as possible, using suitable ventilation equipment. Dusts and fumes created from secondary processing may be irritating to respiratory tract and skin and should be considered as potentially hazardous. If user operations generate dust, fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

| Chemical Name | EC No | CAS No | weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH Reg. No |
|---------------|-----------|-----------|----------|---|-------------------|
| Mineral Oil | 232-455-8 | 8042-47-5 | 50 - 55 | - | No data available |

Full text of H- and EUH-phrases: see section 16

Further information

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.
See section 8 for more information

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures**

| | |
|---|--|
| General advice | Dusts and fumes created from secondary processing may be irritating to respiratory tract and skin and should be considered as potentially hazardous. |
| Inhalation | None under normal use conditions. |
| Skin Contact | Rinse with plenty of running water. Do not pull coagulated product loose. Get medical attention. |
| Eye contact | Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur. |
| Ingestion | Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur. |
| Self-protection of the first aider | No action shall be taken involving any personal risk or without suitable training. |

4.2. Most important symptoms and effects, both acute and delayed

Symptoms No known effects under normal use conditions.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

| | |
|-------------------|--|
| Small Fire | Dry chemical or CO ₂ . |
| Large Fire | Dry chemical, CO ₂ , alcohol-resistant foam or water spray. |

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No specific hazard known

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2. Environmental precautions

No specific measures identified.

6.3. Methods and material for containment and cleaning up

Methods for Containment Vacuum or sweep material and place in a disposal container.

Methods for Clean-Up Vacuum or sweep material and place in a disposal container. Recover or recycle if possible. Prevent dust cloud. After cleaning, flush away traces with water.

6.4. Reference to other sections

See section 1 for more information
See section 8 for more information
See section 13 for more information

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Keep working clothes separately. Use personal protection recommended in Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

No special measures are necessary.

7.3. Specific end use(s)

Specific use(s)

Not available.

Risk Management Methods (RMM)

Not Applicable.

Other Information

Octabins can be stacked up to three high. Big Bags and pallets may not be stacked. Small amounts of fine particles or dust may be formed from pelletised product impacting with material handling systems. If permitted to accumulate, these fine particles or dust can, under certain conditions, pose an explosion hazard.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Chemical Name | Mineral Oil 8042-47-5 |
|---------------|--|
| Germany | TWA: 5 mg/m ³ MAK respirable fraction Peak: 20 mg/m ³ respirable fraction |
| Switzerland | TWA: 5 mg/m ³ AGW the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed respirable fraction exposure factor 4 TWA: 5 mg/m ³ MAK inhalable dust |

Restriction and monitoring of exposure

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Engineering Controls

None required. However, use of adequate ventilation is good industrial practice.

Personal Protective Equipment

Eye/face Protection

Tight sealing safety goggles.

Hand Protection

Wear protective gloves.

Skin and Body Protection

Suitable protective clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------------------------|
| Physical State | Solid | Odor | Slight |
| Appearance | Pellets | Odor Threshold | No information available |
| Color | No information available | | |

| Property | Values | Remarks • Method |
|-------------------------------|------------|--------------------------|
| pH | | No information available |
| Melting point/freezing point | | No information available |
| Boiling point / boiling range | | No information available |
| Flash Point | | No information available |
| Evaporation Rate | | No information available |
| Flammability (solid, gas) | | No information available |
| Flammability Limit in Air | | |
| Upper Flammability Limit | | No information available |
| Lower Flammability Limit | | No information available |
| Vapor Pressure | | No information available |
| Vapor Density | | No information available |
| Specific Gravity | | No information available |
| Water solubility | Negligible | |
| Partition coefficient | | No information available |
| Autoignition Temperature | | No information available |
| Decomposition temperature | | No information available |
| Kinematic viscosity | | No information available |
| Dynamic viscosity | | No information available |
| Explosive properties | | No information available |
| Oxidizing properties | | No information available |

9.2. Other information

| | |
|------------------|--------------------------|
| Softening Point | No information available |
| Molecular weight | No information available |
| VOC Content (%) | No information available |
| Density | No information available |
| Bulk Density | No information available |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

Explosion data

| | |
|----------------------------------|-------|
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Decomposition temperature.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No data.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.

Eye contact No data available.

Skin Contact No data available.

Ingestion

Component Information

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organ Effects No information available.

Aspiration hazard No information available.

Remarks The components of this product are embedded in an impervious matrix, therefore not biologically available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not available

12.2. Persistence and degradability

Not available.

12.3. Bioaccumulative potential

Bioaccumulation Not available

Partition coefficient Not available

| Chemical Name | Partition coefficient |
|---------------|-----------------------|
| Mineral Oil | 6 |

12.4. Mobility in soil

Mobility in soil
Not available.

Mobility
Not available.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG

- 14.1 UN/ID no Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Marine pollutant Not Applicable
- 14.6 Special Provisions None
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

RID

- 14.1 UN/ID no Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Environmental Hazard Not Applicable
- 14.6 Special Provisions None

ADR

| | |
|---------------------------|----------------|
| 14.1 UN/ID no | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard Class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental Hazard | Not Applicable |
| 14.6 Special Provisions | None |

ICAO (air)

| | |
|---------------------------|----------------|
| 14.1 UN/ID no | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard Class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental Hazard | Not Applicable |
| 14.6 Special Provisions | None |

IATA

| | |
|---------------------------|----------------|
| 14.1 UN/ID no | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard Class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental Hazard | Not Applicable |
| 14.6 Special Provisions | None |

Section 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union****EU Regulation (EC) No. 1907/2006 (REACH)**

As formulated, this product does not contain any ingredients listed as an SVHC above 0.1%.

EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances

Not Applicable

Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU and GB/T 26572)

As formulated, this compound does not contain any substances regulated under EU RoHS Directive (2011/65/EU) (RoHS 2, as amended by 2015/863; RoHS 3) and China RoHS 2 (GB/T 26572) above threshold levels.

US State Regulations**California Proposition 65**

As formulated this product does not contain any Proposition 65 chemicals

Other Regulations**Conflict Minerals**

As formulated, the raw materials used in this product do not intentionally contain any of the "Conflict Minerals". Conflict Minerals consist of Gold, Columbite-Tantalite (Tantalum), Casserite (Tin), and Wolframite (Tungsten) that originate from the Democratic Republic of Congo or adjoining countries.

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under sections 2 and 3**

Not Applicable

Legend

NTP (National Toxicology Program)

IARC (International Agency for Research on Cancer)

TWA TWA (time-weighted average)**STEL** STEL (Short Term Exposure Limit)**Ceiling** Maximum limit value

* Skin designation

Key literature references and sources for data

Literature data and/or investigation reports are available through the manufacturer

Training Advice

Before handling this substance/preparation, the personnel involved should be instructed by means of this safety data sheet

Revision Date

16-Aug-2022

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**Disclaimer**

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End of Safety Data Sheet