

Revision Date 08-Nov-2023

Version 2

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

Product Name	MONPRENE
Product Code	CP-18260 NAT
Description	2222110
	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 Germany GmbH
Am Rödlein 1
91541 Rothenburg ob der Tauber
Germany
+49(0)9865-821

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.
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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 CO₂.

Large Fire Dry chemical, CO₂, 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 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
Switzerland	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		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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	No data available

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 | No information available |

Annex II of MARPOL 73/78 and the IBC Code**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), Cassiterite (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

08-Nov-2023

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