

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 1 of 9

Revision date: 06.01.2020

TECAPRO MT White

SECTION 1: Identification

Product identifier

Product name: TECAPRO MT White

Synonyms: Polypropylene Homopolymer

Recommended use of the product and restriction on use

Relevant identified uses: Stock Shape for Machining

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

Ensinger Inc.

365 Meadowlands Blvd

Washington, PA 15301

724-746-6050

compliance@ensinger-ind.com

www.ensingerplastics.com

Emergency telephone number:

United States

Ensinger Inc. Emergency Contact

800-869-4029 (M-F 9:00 A - 5:00 P EST)

724-746-6050 (M-F 9:00 A - 5:00 P EST)

SECTION 2: Hazard(s) identification

GHS classification: Not a hazardous substance or mixture

Label elements

Hazard pictograms: None

Signal word: None

Hazard statements: None

Precautionary statements:

P501 Dispose of contents/container to...in accordance with local/regional/national/international regulations

Hazards not otherwise classified:

None know according to the 2012 OSHA Hazard Communication Standard (29 CFR 1919.1200)

SECTION 3: Composition/information on ingredients

There are no substances or mixtures present which are classified as hazardous.

Additional Information:

This product contains a proprietary blend of components encapsulate within a polymer matrix. These

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 2 of 9

Revision date: 06.01.2020

TECAPRO MT White

components are not regarded as hazardous under 2012 OSH Hazard Communication Standard 29CFR Part 1910.1200

SECTION 4: First aid measures

Description of first aid measures

General notes:

Not determined or not applicable.

After inhalation:

Remove to fresh air, if effects occur. Consult a physician.

After skin contact:

Not determined or not applicable.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Mechanical effects only.

After swallowing:

No adverse effects anticipated by this route of exposure incidental to proper industrial handling. If ingested, induce vomiting; if patient is conscious. Call a poison control center/physician, if patient feels unwell.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Wash off in flowing water or shower

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use water fog, foam, dry chemical or carbon dioxide to extinguish flames.

Unsuitable extinguishing media:

Do not use high volume water jet as it may scatter and spread the fire.

Specific hazards during fire-fighting:

UNUSUAL FIRE AND EXPLOSION HAZARDS: Explosion: Avoid generating dust; fine dust dispersed in air in sufficient concentration and in the presence of an ignition source is a potential dust explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS: Flammable hydrocarbons, incomplete combustion products, Oxides of carbon, Smoke, Fume

Special protective equipment for firefighters:

Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel. Wear full

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 3 of 9

Revision date: 06.01.2020

TECAPRO MT White

protective suit. In case of combustion, use a suitable breathing apparatus. Keep away from heat and sources of ignition.

Wear full protective suit. In case of combustion, use a suitable breathing apparatus. Keep away from heat and sources of ignition.

Special precautions:

Assure an extended cooling down period to prevent re-ignition. Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ventilate the area and prevent access to unauthorized people. Wear suitable personal protective equipment.

Environmental precautions:

Do not allow entry to drains, water courses or soil. Prevent spreading by use of suitable barriers. Take up with suitable equipment, fill up in air-tight containers and give further treatment as soon as possible.

Methods and material for containment and cleaning up:

Not determined or not applicable.

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dust from material can accumulate electrostatic charges due to friction from transfer and mixing operations and cause an electrical spark (ignition source). Provide adequate precautions to ignition sources, such as electrical grounding and bonding, inert atmosphere or non-sparking tools. However, bonding and grounds may not eliminate the hazard for static accumulation. Consult local applicable standards for guidance. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids and EN 61241, Electrical Apparatus for Use in the Presence of Combustible Dust for safe handling. Avoid elevated temperatures for prolonged periods of time. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent small spills and leakage to avoid slip hazard. Care should be taken when storing and handling this product. Apart from the specific nature of the polymer product, conditions such as humidity, sunlight, and temperature have an influence on the way the product behaves during storage and handling. Special attention should be paid to avoid inappropriate stacking of palletized bags or other package units. Indeed, polymer products may be dimensionally unstable under certain conditions. Avoid conditions generating heat during transfer operations.

Conditions for safe storage, including any incompatibilities:

Not determined or not applicable.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

No occupational exposure limits noted for the ingredient(s).

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 4 of 9

Revision date: 06.01.2020

TECAPRO MT White

Not determined or not applicable.

Appropriate engineering controls:

Standard ventilation required

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

Personal protection equipment

Eye and face protection:

Safety glasses should be sufficient for most operations; however, for dusty operations wear chemical goggles. If vapor exposure causes eye discomfort, use a full-face respirator

Skin and body protection:

No precautions other than clean body-covering clothing should be needed.

Respiratory protection:

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

General hygienic measures:

Not determined or not applicable.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Translucent to white or opaque color stock shape
Odor	None
Odor threshold	no information available
pH	no information available
Melting point/freezing point	266 - 338 F (130 - 170 C)
Initial boiling point/range	not applicable
Flash point (closed cup)	no information available
Evaporation rate	no information available
Flammability (solid, gas)	no information available
Upper flammability/explosive limit	no information available
Lower flammability/explosive limit	no information available
Vapor pressure	no information available
Vapor density	no information available
Density	0.92 g/cc
Relative density	0.92
Solubilities	no information available
Partition coefficient (n-octanol/water)	no information available
Auto/Self-ignition temperature	no information available
Decomposition temperature	no information available
Dynamic viscosity	not applicable
Kinematic viscosity	not applicable
Explosive properties	no information available
Oxidizing properties	no information available

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 5 of 9

Revision date: 06.01.2020

TECAPRO MT White

Other information

SECTION 10: Stability and reactivity

Reactivity:

There are no known reactivity hazards under normal ambient and anticipated storage and handling conditions.

Chemical stability:

This product is expected to be stable under normal conditions of storage and use.

Possibility of hazardous reactions:

None known

Conditions to avoid:

Electrostatic discharge and ignition sources, operations resulting in the formation of small particles (grinding, pulverizing, etc.). Avoid elevated temperatures for long periods of time.

Incompatible materials:

Strong oxidizing agents, Fluoride

Hazardous decomposition products:

Burning or thermal decomposition may produce hazardous products, including carbon monoxide, carbon dioxide, oxides of nitrogen, and other toxic gases. Vapors produced during processing operations may contain hazardous decomposition products.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

Not classified as a skin irritant based on available data for the components and the GHS rules for the classification of mixtures.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

May cause mild long-lasting discomfort – based on chemical structure (polymer)

Substance data: No data available.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

Respiratory Sensitization: not expected to be a respiratory sensitizer

Skin Sensitization: not expected to be a skin sensitizer

Substance data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 6 of 9

Revision date: 06.01.2020

TECAPRO MT White

Species	Result
	Not classifiable as a carcinogen

Substance data: No data available.

International Agency for Research on Cancer (IARC): None of the ingredients are listed.

National Toxicology Program (NTP): None of the ingredients are listed.

OSHA Carcinogens: Not applicable

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

Not classified as mutagenic based on available data for the components and the GHS rules for the classification of mixtures.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

Not classified as toxic to reproduction based on available data for the components and the GHS rules for the classification of mixtures.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

not applicable (N/A)

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

Eyes: Causes serious eye irritation

Inhalation: Vapors produced during high temperature polymer processing operations and airborne dust may be harmful if inhaled.

Skin: May cause an allergic skin reaction characterized by rash or irritation after repeated exposures. May cause skin irritation.

Ingestion: No known significant effects or critical hazards.

Target Organ Effects: No known significant effects or critical hazards.

Chronic Effects: No known significant effects or critical hazards.

Other information:

No data available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 7 of 9

Revision date: 06.01.2020

TECAPRO MT White

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Chronic (long-term) toxicity

Assessment:

Material not expected to be harmful to aquatic organisms or terrestrial organisms

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data:

Biodegradation - expected to be persistent for material

Substance data: No data available.

Bioaccumulative potential

Product data:

Potential bioaccumulation is low for the material

Substance data: No data available.

Mobility in soil

Product data:

Material - low solubility and floats - expected to migrate from water to land. Expected to partition to sediment and wastewater solids

Substance data: No data available.

Results of PBT and vPvB assessment

Product data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT..

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB..

Substance data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Other adverse effects:

No information available

SECTION 13: Disposal considerations

Disposal methods:

Recover or recycle if possible. Disposal of product and contaminated packaging should be in accordance with applicable local, regional, national, and international laws and regulations. Local regulations may be more stringent than regional or national requirements.

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number

Not classified as a hazardous material under US DOT regulations

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 8 of 9

Revision date: 06.01.2020

TECAPRO MT White

UN proper shipping name	Not classified as a hazardous material under US DOT regulations
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA): Not determined.

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals: Not determined.

CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know: Not determined.

New Jersey Right to Know: Not determined.

New York Right to Know: Not determined.

Pennsylvania Right to Know: Not determined.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 03.11.2020

Page 9 of 9

Revision date: 06.01.2020

TECAPRO MT White

designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0

HMIS: 0-0-0

Initial preparation date: 03.11.2020

Revision date: 06.01.2020

End of Safety Data Sheet