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Safety Data Sheet

Coping Plus

Medical Grade Polypropylene

Clarified Natural/Clear Products

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: Coping Plus Polypropylene Sheet

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

Identified uses: Thermoforming Material

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

Tru-Tain Inc.

23088 Buffalo Ridge Rd.

Winona, MN 55987

1.4 Emergency telephone number: 800-843-0904

Section 2: Hazards Identification

CAUTION!

POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES

MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

Hazard Classification:

OSHA Specified Hazards: Combustible dust.

If converted to small particles during further processing, handling or by other means may form combustible dust concentrations in air.

HMIS Hazard Ratings

Health	1
Flammability	1
Chemical Reactivity	0

Section 3: Composition/information on ingredients

Weight %	Component	CAS #
96-100	Polypropylene With Ethene	9010-79-1
0.0-4.0	Modifiers/Additives	N/A

Section 4: First-aid measures

Description of first aid measures

- 4.1 After inhalation:** If symptomatic, move to fresh air. Get medical attention if symptoms persist.
- 4.2 After skin contact:** If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin.
- 4.3 After eye contact:** If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
- 4.4 After swallowing:** Material is not expected to be absorbed from the gastrointestinal tract. Induction of vomiting should not be necessary.

Information for doctor: Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from skin is not necessary.

Section 5: Fire-fighting measures

5.1 Extinguishing Media

Suitable extinguishing agent: water spray, dry chemical, CO₂

- 5.2 Special hazards arising from the substance or mixture:** Carbon monoxide (CO)
Carbon dioxide (CO₂) Powdered material may form explosive dust-air mixtures.

5.3 Advice for firefighters

Special Fire Fighting Procedures: Minimize dust generation and accumulation.

- 5.4 Special protective equipment for Firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Wear appropriate personal protective equipment.
- 6.2 Environmental precautions:** Not regarded as dangerous for the environment.
- 6.3 Methods and material for Containment and cleaning up:** Sweep or scoop up and remove.
- 6.4 Reference to other sections:** See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7: Handling and storage

- 7.1 Precautions for safe handling:** Avoid contact with molten material.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container closed.
- 7.3 Specific end use(s):** Plastics

Section 8: Exposure controls/personal protection

- 8.1 Control parameters**
Occupational exposure limits: If exposure limits have not been established, maintain airborne levels to an acceptable level.
- 8.2 Exposure controls**
Appropriate engineering Controls: Good general ventilation (typically ventilation 10 changes/hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, mechanical generation of dusts, heating and drying, etc.
- 8.3 Personal protective equipment:** Avoid contact with eyes. Minimize skin contact. If working with molten material, heat resistant gloves should be worn.



Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form: Solid

Color: Light Translucent

Odor: Slight

pH: No data available

Change in condition

Flash Point: 300° C, combustible solid

Decomposition temperature: Thermal stability not tested. Low stability hazard expected at normal operating temperatures.

Autoignition Temperature: 390° C **Danger of explosion:** No data available.

Explosion limits: Upper Limit – No data available.

Lower Limit – No data available.

Vapor pressure: Not determined.

Specific Gravity: < 1 g/cc

Solubility in Water: Negligible

Solvent content: No data available.

Section 10: Stability and reactivity

10.1 Chemical stability: Not fully evaluated. Materials containing similar structural groups are normally stable.

10.2 Possibility of hazardous reactions: No dangerous reactions known.

10.3 Conditions to avoid: None at ambient temperatures.

10.4 Incompatible materials: Strong oxidizing agents.

10.5 Hazardous decomposition products: Carbon dioxide and carbon monoxide.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Primary irritant effect:

On the skin: Molten material will produce thermal burns.

On the eyes: Molten material will produce thermal burns.

Oral LD-50 (rat): >5 g/kg practically nontoxic

Dermal LD-50 (rabbit): >2 g/kg practically nontoxic

Section 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Other adverse effects: No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Recommendation: Disposal must be made according to official regulations. Incinerate.

13.2 Uncleansed packaging

Recommendation: Disposal must be made according to official regulations.

Section 14: Transport information

14.1 DOT (USA), IMDG, ICAO, IATA: Class not regulated.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

OSHA Classification: nonhazardous

WHMIS (Canada) Status: non-controlled

Carcinogenicity Classification (components present at 0.1% or more): none

Chemical(s) subject to reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 472: none

Section 16: Other information

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Abbreviations and acronyms:

WHMIS: Workplace Hazardous Materials Information

OSHA: Occupational Health and Safety

DOT: Department of Transportation (USA)

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association