

Material Safety Data Sheet

Material Name: AISE, AIUE, ITE, IZE

Also known as: AISE-105, AIUE-080, AIUE-105, ITE-105, IZE-105

*** Section 1 - Chemical Product and Company Identification ***

Manufacturer Information

Yupo Corporation
800 Yupo Court
Chesapeake, VA 23320

Phone: 1-888-873-9876 Ext. 324

*** Section 2 - Hazards Identification ***

Emergency Overview

No exposure hazards anticipated during normal product use.

Potential Health Effects: Eyes

Not considered a likely route of exposure under normal use conditions.

Potential Health Effects: Skin

Not considered a likely route of exposure under normal use conditions.

Potential Health Effects: Ingestion

Not considered a likely route of exposure under normal use conditions.

Potential Health Effects: Inhalation

Not considered a likely route of exposure under normal use conditions.

HMIS Ratings: Health: 0 Fire: 0 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
9003-07-0	Polypropylene	Varies
1317-65-3	Calcium Carbonate	Varies
Proprietary	Other	Varies

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Flush eyes with large quantities of water.

First Aid: Skin

No special first aid for skin necessary. If irritation occurs, contact a physician.

First Aid: Ingestion

If ingested, contact a physician.

First Aid: Inhalation

No special first aid procedures necessary.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.
None anticipated.

Hazardous Combustion Products

Not Determined.

Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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*** Section 6 - Accidental Release Measures ***

Containment Procedures

No special containment procedures necessary.

Clean-Up Procedures

Pick up material and dispose of in accordance with federal, state and local requirements.

Evacuation Procedures

None necessary.

Special Procedures

None necessary.

*** Section 7 - Handling and Storage ***

Handling Procedures

Good industrial hygiene practices should be followed when handling product.

Storage Procedures

None necessary.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Calcium Carbonate (CAS# 1317-65-3)

OSHA: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)

Engineering Controls

None necessary

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

None necessary.

Personal Protective Equipment: Skin

None necessary.

Personal Protective Equipment: Respiratory

None necessary.

Personal Protective Equipment: General

None.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Plastic Film	Odor:	None
Physical State:	Solid	pH:	NA
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	ND	Melting Point:	ND
Solubility (H2O):	ND	Specific Gravity:	ND
Evaporation Rate:	ND	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	ND
Flash Point Method:	ND	Upper Flammability Limit (UFL):	ND
Lower Flammability Limit (LFL):	ND	Burning Rate:	ND
Auto Ignition:	ND		

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*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Excessive Heat.

Incompatibility

Not Determined

Hazardous Decomposition

Not Determined

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Other (Proprietary)

Inhalation LC50 Mouse 12 g/m³ 30 min

Other (Proprietary)

Oral LD50 Rat 500 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

Polypropylene (9003-07-0)

IARC: Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

Other (Proprietary)

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Other (Proprietary)

ACGIH: A2 - Suspected Human Carcinogen

NIOSH: potential occupational carcinogen

NTP: Known Human Carcinogen (Select Carcinogen)

IARC: Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of Other or cristobalite from occupational sources) (Group 1 (carcinogenic to humans))

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

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*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Not Regulated

*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Calcium Carbonate	Proprietary	No	Yes	Yes	Yes	Yes	Yes
Other	Proprietary	No	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING: This product contains substances known to the State of California to cause cancer, birth defects, or other reproductive harm.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Polypropylene	9003-07-0	Yes	DSL	No
Calcium Carbonate	Proprietary	Yes	NDSL	EINECS
Other	Proprietary	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration. NJTSR = New Jersey Trade Secret Registry.