Section 1: Chemical Product and Company Identification

Product details:

Manufacturer/Supplier:	JE Tomes & Associates, Inc. Blue Island, IL 60406 Phone: (877) 538-6637 Fax: (708) 653-5101 www.jetomes.com
Trade Name and Synonyms:	JETaFLOW Primer, Primer
Product Description:	Primer for JETaFLOW Self-Leveling

Section 2: Hazardous Identifications

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the substance or mixture:

Classification (GHS):

Not a hazardous substance or mixture.

Label Elements

Labeling (GHS):

No labelling according to GHS required.

Reportable ingredients for labelling:
Water
Vinyl acetate/vinyl alcohol copolymer
Vinyl acetate/ethane copolymer

Other Hazards

No data available

Precautionary statements:
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Trade Secret:
A trade secret is being claimed for a specific chemical identity and exact percentages.

Section 3: Composition/Information on Ingredients

Chemical Characterization (Preparation)

Chemical Characteristics
Copolymer of: vinyl acetate + ethylene (dispersion in water).

Information on Ingredients:

This material does not contain any reportable hazardous ingredients.

Substances listed in the Subsections “HAPS” and “California Proposition 65 Carcinogens / Reproductive Toxins” that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product.

Section 4: First-Aid Measures

General Information:

Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take copy of the Safety Data Sheet when going for medical treatment.

After inhalation: If inhaled as aerosol, remove to fresh air. No special measures required.

After contact with the skin: If contact with skin, immediately flush skin with plenty of water for at least 15 minutes. Wash with soap and water.

After contact with eyes: If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 minutes.

After swallowing: For ingestion, give several glasses of water but DO NOT induce vomiting. If vomiting does occur, give additional fluids.

Section 5: Fire Fighting Measures

Flammable Properties:

Property:	Value:	Method:
Flash Point……:	Not applicable	
Boiling Point/Boiling Range….:	Approx. 100°C (212 °F) at 1013 hPa	
Lower Explosion Limit (LEL)....:	Not applicable	
Ignition Temperature..……:	Not Applicable	

Fire and Explosion Hazards:
Dried up material is combustible. This material does not present any unusual fire or explosion hazards.

Recommended Extinguishing Media:
Use extinguishing measures appropriate to the source of fire. Water may be used to cool tanks and structures adjacent to the fire.

Unsuitable Extinguishing Media:
Not applicable.

Fire Fighting Procedures:
Fire fighters should wear full protective clothing including a self-contained breathing apparatus.

Section 6: Accidental Release Measures

Precautions:
Wear personal protection equipment (see section 8). If material is released, indicate risk of slipping.
HAZWOPER PPE Level: C

Containment:
Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth).

Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

Methods for Cleaning Up:
Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean up with plenty of water. Dispose of cleansing water in accordance with local/state/federal regulations.

Reference to other sections:

Section 7: Handling and Storage

General Information:

Avoid exposure by technical measures or personal protective equipment.

Handling

Precautions for Safe Handling:
Spilled substances increases risk of slipping

Precautions Against Fire and Explosion:
No special precautions against fire and explosion required.

Storage:

Conditions for Storage and Vessels:
Protect against frost.

Advice for Storage of Incompatible Materials:
Not applicable.

Further Information for Storage:
Not applicable.
Minimum temperature allowed during storage and transportation: 0°C (32°F)

Section 8: Exposure Controls/Personal Protection

Engineering Controls

Ventilation:
Use with adequate ventilation

Local Exhaust:
Not necessary

Associate substances with specific control parameters such as limit values.

Personal Protection Equipment (PPE)

Respiratory Protection:
Not necessary

Hand Protection:
Rubber gloves

Eye Protection:
Chemical safety goggles

Other Protective Clothing or Equipment:
Protective clothing to cover exposed areas of arms, legs and torso.

General Hygiene and Protection Measures:
Avoid contact with eyes, skin and clothing. Do not eat or drink when handling. Wash thoroughly after handling.

Section 9: Physical and Chemical Properties

Appearance

Physical State/Form:	Liquid
Color:	White
Odor:	Weak

Safety Parameters

Property:	**Value:**	**Method:**
Melting Point/Melting Range	Approx. 0.00°C (32°F)	
Boiling Point/Boiling Range	Approx. 100°C (212°F) at1013 hPa	
Flash Point	Not Applicable	
Ignition Temperature	Not Applicable	
Lower Explosion Limit (LEL)	Not Applicable	
Vapor Pressure	23 hPa at 20°C (68°F)	
Density	1.05 g/cm^3	
Water Solubility/Miscibility	Moderately Soluble	
pH-Value	4.0-5.0	(ASTM E 70)
Viscosity (Dynamic)	1800-2700 mPa.s	(Brookfield)

Section 10: Stability and Reactivity

General Information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Conditions to Avoid:
None known.

Materials to Avoid:
None known.

Hazardous Decomposition Products:
If stored and handled properly: none known. At increased temperature: acetic acid.

Further Information:
Hazardous polymerization cannot occur.

Section 11: Toxicological Information

Information on Toxicological Effects

General Information:

Data derived for the product as a whole are of higher priority than data for single ingredients.

Acute Toxicity

Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.

Product Details:

Route of Exposure	Result/Effect	Species/Test System	Source
Oral	LD50:>2000 mg/kg	Rat	Conclusion by analogy OECD 423

Skin Corrosion/Irritation

Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

Product Details:

Result/Effect	Species/Test System	Source
Not Irritating	Rabbit	Conclusion by analogy OECD 404

Serious Eye Damage/Eye Irritation

Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

Result/Effect	Species/Test System	Source
Not Irritating	Rabbit	Conclusion by analogy OECD 404

Respiratory or Skin Sensitization

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Data Related to Ingredients:

5-Chloro-2methyl-4isothiazoline-3-on and 2-methyl-4-isothiazoline-3-on (mixture in a ratio of3:1):
Based on the proven low sensitization induction threshold in human, mixtures containing ≥15 ppm are classified as skin sensitizing in Europe.

Germ Cell Mutagenicity

Assessment:

Based on known data a significant mutagenic potential may be excluded.

Product Details:

Result/Effect	Species/Test System	Source
Negative	Mutation assay (in vitro) bacterial cells.	Conclusion by analogy OECD 471

Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Reproductive Toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific Target Organ Toxicity (Single Exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Aspiration Hazard

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

Further Toxicological Information

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a human carcinogen or potential carcinogen by OSHA.

Section 12: Ecological Information

Toxicity

Assessment:

No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

Product Details:

Result/Effect	Species/Test System	Source
LC_{50}: > 100mg/l	Rainbow Trout (Oncorhynchus Mykiss) (96 h)	Conclusion by analogy OECD 203
EC_{10}: > 1000 mg/l	Sludge (0.5 h)	Conclusion by analogy

Persistence and Degradability

Assessment:

Polymer component: Not readily biodegradable. Elimination by absorption to activated sludge. Separation by flocculation is possible.

Bioaccumulative Potential

Assessment:

No adverse effects expected.

Mobility in Soil

Assessment:

No adverse effects expected.

Other Adverse Effects

None known.

Additional Information

The ecotoxicological results provided were obtained from tests with similar products.

Section 13: Disposal Considerations

Product Disposal

Recommendation:
Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.

Packaging Disposal

Recommendation:
Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

Recommended Cleaning Agent:
Water

Section 14: Transport Information

US DOT & Canada TDG Surface

Valuation	Not regulated for transport
Other information	Protect from freezing, when exposed to cold temperatures approaching 0°C (32°F) or below.

Transport by Sea IMDG-Code

Valuation	Not regulated for transport

Air Transport ICAO-TI/IATA-DGR

Valuation	Not regulated for transport

Section 15: Regulatory Information

U.S. Federal Regulations

TSCA Inventory Status and TSCA Information:
This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12(b) Export Notification:
This material does not contain any TSCA 12(b) regulated chemicals.

CERCLA Regulated Chemicals:
This material does not contain and CERCLA extremely hazardous substances.

SARA 302 EHS Chemicals:
This material does not contain and SARA extremely hazardous substances.

SARA 313 EHS Chemicals:
This material does not contain and SARA 313 chemicals above de minimus levels.

HAPS (Hazardous Air Pollutants

CAS No.	Chemical	Upper Limit Wt. %
75-07-0	Acetaldehyde	<0.002
67-56-1	Methanol	<0.007
50-00-0	Formaldehyde	<0.014

U.S. State Regulations:

California Proposition 65 Carcinogens:

75-07-0	Acetaldehyde
50-00-0	Formaldehyde

California Proposition 65 Reproductive Toxins:

67-56-1	Methanol

Massachusetts Substance List:
This material contains no listed components.

New Jersey Right-to-Know Hazardous Substance List:
This material contains no listed components.

Pennsylvania Right-to-Know Hazardous Substance List:
This material contains no listed components.

Canadian Regulations:

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the Information required by the CPR.

WHMIS Hazard Classes:
None.

DSL Status:
This material or its components are listed on the Canadian Domestic Substances List.

Canadian Ingredients Disclosure List:
This material contains no listed components.

Details of International Registration Status

Relevant information about individual substance inventories, where available, is given below.

South Korea (Republic of Korea)	**ECL** (Existing Chemicals List): This product is listed in, or complies with, the substance inventory.
Japan	**ENCS** (Handbook of Existing and New Chemical Substances): This product is listed in, or complies with, the substance inventory.
Australia	**AICS** (Australian Inventory of Chemical Substances): This product is listed in, complies with, the substance inventory.
People's Republic of China	**IECSC** (Inventory of Existing Chemical Substances in China): This product is listed in, or complies with, the substance inventory.
Canada	**DSL** (Domestic Substance List): This product is listed in, or complies with, the substance inventory.
United States of America (USA)	**TSCA** (Toxic Substance Control Act Chemical Substance Inventory): This product is listed in, or complies with, the substance inventory.
European Economic Area (EEA)	**REACH** (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substance imported into the EEA by customers or other downstream users must be fulfilled by the latter.

Section 16: Other Information

Additional Information:

This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

Glossary of Terms:

ACGIH: American Conference of Governmental Industrial Hygienists
DOT: US Department of Transportation
hPa: Hectopascals
mPa's: Milli Pascals-Seconds
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
ppm: Parts per Million
SARA: Superfund Amendments and Reauthorization Act

STEL: Short Term Exposure Limit
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
WHMIS: Canadian Workplace Hazardous Materials Identification System

Flash Point Determination Methods	Common Name
ASTM D56	Tagliabue (Tag) closed cup
ASTM D92, DIN 51376, ISO 2592	Cleveland open cup
ASTM D93, DIN 51758, ISO 2719	Pensky-Martens closed cup
ASTM D3278, DIN 55680, ISO 3679	Setaflash or Rapid closed cup
DIN 51755	Abel-Pensky closed cup

Conversion Table:

Pressure	1 hPa * 0.75 = 1 mm Hg = 1 torr; 1 bar = 1000 hPa
Viscosity	1 mPa*s = 1 centipose (cP)