Accella Polyurethane Systems
Safety Data Sheet

1. Identification of Substance:

Product Name: Premicote 1600 Series

Supplier Identification:
Accella Polyurethane Systems

Address:
100 Enterprise Drive
Cartersville, GA 30120

Telephone:
770-607-0755

24-Hr. Emergency Phone Number:
CHEMTREC (800) 424-9300

Product Use: Water-borne acrylic coating

2. Hazards Identification:

GHS Ratings:

Carcinogen	1A	Known Human Carcinogen Based on human evidence

GHS Hazards

H350	May cause cancer

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required
P308+P313	IF exposed or concerned: Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container in accordance with Section 13

Signal Word: Danger

Chronic effects: None expected.

3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
Limestone	1317-65-3	30.00% - 40.00%
1,2-Propylene glycol	57-55-6	1.00% - 5.00%
Carbon black	1333-86-4	1.00% - 5.00%
Titanium dioxide	13463-67-7	0.10% - 1.00%

Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	0.10% - 1.00%
Distillates, petroleum, solvent-refined heavy paraffinic	64741-88-4	0.10% - 1.00%
Ammonium hydroxide	1336-21-6	0.00% - 0.10%

4. First Aid Measures:

Inhalation: If symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water.
Remove contact lenses if present and easy to do so, and continue rinsing.

After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically

5. Fire Fighting Measures:

Flash Point: 99 C (210 F)

LEL: N/A UEL: N/A

Upper and lower explosive limits listed if known.

Suitable Extinguishing Agents: Water spray, CO2, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, and traces of HCN

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures:

Person-Related Safety Precautions: Avoid contact with skin and eyes.

Measures for Environmental Protection: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.
Clean up with water.

7. Handling and Storage:

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Limestone 1317-65-3	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
1,2-Propylene glycol 57-55-6	Not Established	Not Established	Not Established
Carbon black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable fraction)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Distillates, petroleum, solvent-dewaxed heavy paraffinic 64742-65-0	Not Established	Not Established	Not Established
Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4	Not Established	Not Established	Not Established
Ammonium hydroxide 1336-21-6	Not Established	Not Established	Not Established

Engineering Controls: No specific measures required.

Ventilation: No specific measures required if exposure is below any applicable TLV/PEL. Use exhaust ventilation if exceeded.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when handling chemicals.

Personal Protective Equipment:
Respiratory Protection: None required if work area is properly ventilated.
Hand Protection: Protective chemical resistant gloves.
Eye Protection: Safety glasses.
Body Protection: Protective work clothing. Launder separately.

9. Physical and Chemical Properties:

Physical properties listed where known.

Appearance: Black liquid	**Odor:** Mild
Vapor Pressure: N/A	**Odor threshold:** N/A
Vapor Density: N/A	**pH:** N/A
Specific Gravity 5.30	**Melting point:** N/A
Freezing point: N/A	**Solubility:** N/A
Boiling range: 100°C	**Flash point:** 210°F,99°C
Evaporation rate: N/A	**Flammability:** N/A

Explosive Limits: N/A

Partition coefficient (n-octanol/water): N/A **Decomposition temperature:** N/A	**Autoignition temperature:** 371°C

10. Stability and Reactivity:

Incompatible Materials: Avoid contact with isocyanates, strong bases, strong acid, and oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, traces of HCN.

11. Toxicological Information:

Mixture Toxicity
Component Toxicity

Toxicity Values Listed if Known

Acute Toxicity:
Eyes: May cause irritation & burns.
Skin: Minor potential for irritation.
Inhalation: Liquid may cause irritation.
Ingestion: May cause irritation & burns.

Chronic Effects: Not expected to cause any adverse chronic health effects.

Routes of Entry: Inhalation, ingestion, skin contact, eye contact
Target Organs: Respiratory track, eyes, skin
Effects of Overexposure

Chemicals with Known or Possible Carcinogenic Effects:

CAS Number	Description	% Weight	Carcinogen Rating
1333-86-4	Carbon black	1 to 5%	Carbon black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
13463-67-7	Titanium dioxide	0.1 to 1.0%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
64742-65-0	Distillates, petroleum, solvent-dewaxed heavy paraffinic	0.1 to 1.0%	Distillates, petroleum, solvent-dewaxed heavy paraffinic: EU REACH: Present (L)
64741-88-4	Distillates, petroleum, solvent-refined heavy paraffinic	0.1 to 1.0%	Distillates, petroleum, solvent-refined heavy paraffinic: EU REACH: Present (L)

12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

Component Ecotoxicity

1,2-Propylene glycol	96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L [Static] 96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L
Distillates, petroleum, solvent-dewaxed heavy paraffinic	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L
Distillates, petroleum, solvent-refined heavy paraffinic	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L
Ammonium hydroxide	96 Hr LC50 Pimephales promelas: 8.2 mg/L 48 Hr EC50 water flea: 0.66 mg/L; 48 Hr EC50 Daphnia pulex: 0.66 mg/L

13. Disposal Considerations:

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

14. Transport Information:

Not classified as a dangerous good according to transport regulations unless specifically cited below:

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: None.

California Proposition 65
(Safe Drinking Water and Toxic Enforcement Act of 1986)
This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:

Warning: This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm:

Titanium dioxide 13463-67-7 0.1 to 1.0 % CARC
Carbon black 1333-86-4 1 to 5 % CARC

Massachusetts Right To Know List:

Titanium dioxide 13463-67-7 0.1 to 1.0 %
Carbon black 1333-86-4 1 to 5 %
Limestone 1317-65-3 30 to 40 %

New Jersey Right To Know List:

Titanium dioxide 13463-67-7 0.1 to 1.0 %
Carbon black 1333-86-4 1 to 5 %
1,2-Propylene glycol 57-55-6 1 to 5 %
Limestone 1317-65-3 30 to 40 %

Pennsylvania Right To Know List:

Titanium dioxide 13463-67-7 0.1 to 1.0 %

Carbon black 1333-86-4 1 to 5 %
1,2-Propylene glycol 57-55-6 1 to 5 %
Limestone 1317-65-3 30 to 40 %

Country	Regulation	All Components Listed
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Accella Polyurethane Systems. The data on these sheets relates only to the specific material designated herein. Accella Polyurethane Systems assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

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