

1 Identification

- **Product identifier**
- **Trade name:** Premicote FG White
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Accella Polyurethane Systems, LLC
1255 Kennestone Circle, Suite 200
Marietta, GA 30066
USA
www.premiumspray.com
- **Information department:** EH&S Department
- **Emergency telephone number:**
During normal operating hours: (770) 528-9556
ChemTrec: (800) 424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



Health hazard

Carc. 1A H350 May cause cancer.



Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Eye Irrit. 2B H320 Causes eye irritation.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
titanium dioxide
chlorothalonil (ISO)
Distillates (petroleum), solvent-dewaxed heavy paraffinic
Distillates (petroleum), solvent-refined heavy paraffinic
- **Hazard statements**
Causes skin and eye irritation.
May cause an allergic skin reaction.
May cause cancer.

(Contd. on page 2)

Trade name: Premicote FG White

(Contd. of page 1)

· Precautionary statements

- In case of inadequate ventilation wear respiratory protection.*
- Avoid breathing dust/fume/gas/mist/vapors/spray*
- Wear protective gloves/protective clothing/eye protection/face protection.*
- Avoid release to the environment.*
- Wash thoroughly after handling.*
- Use only outdoors or in a well-ventilated area.*
- Contaminated work clothing must not be allowed out of the workplace.*
- Obtain special instructions before use.*
- Do not handle until all safety precautions have been read and understood.*
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
- Wash contaminated clothing before reuse.*
- IF exposed or concerned: Get medical advice/attention.*
- If skin irritation or rash occurs: Get medical advice/attention.*
- If eye irritation persists: Get medical advice/attention.*
- Get medical advice/attention if you feel unwell.*
- In case of fire: Use for extinction: CO2, sand, extinguishing powder.*
- In case of fire: Use for extinction: Water spray.*
- IF ON SKIN: Wash with plenty of water.*
- Collect spillage.*
- Take off contaminated clothing and wash it before reuse.*
- Store locked up.*
- Store in a well-ventilated place. Keep container tightly closed.*
- Dispose of contents/container in accordance with local/regional/national/international regulations.*

· Classification system:

· NFPA ratings (scale 0 - 4)



· HMIS-ratings (scale 0 - 4)



· Other hazards

· Results of PBT and vPvB assessment

- PBT:** Not applicable.
- vPvB:** Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

- Description:** Mixture of the substances listed below with nonhazardous additions.

(Contd. on page 3)

Trade name: Premicote FG White

(Contd. of page 2)

| · Dangerous components: | | |
|-----------------------------------|---|--------|
| 21645-51-2 | aluminium hydroxide <i>Skin Irrit. 2, H315; Eye Irrit. 2B, H320</i> | 7-13% |
| 13463-67-7 | titanium dioxide <i>Carc. 2, H351</i> | 5-10% |
| 1314-13-2 | zinc oxide <i>Skin Irrit. 2, H315; Eye Irrit. 2B, H320</i> | 1-5% |
| 57-55-6 | propane-1,2-diol <i>Acute Tox. 4, H302</i> | ≤ 1.0% |
| 1897-45-6 | chlorothalonil (ISO) <i>Acute Tox. 2, H330; Carc. 2, H351; Eye Dam. 1, H318; Skin Sens. 1, H317; STOT SE 3, H335</i> | ≤ 1.0% |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic <i>Carc. 1B, H350</i> | ≤ 1.0% |
| 64741-88-4 | Distillates (petroleum), solvent-refined heavy paraffinic <i>Carc. 1B, H350</i> | ≤ 1.0% |
| 119-61-9 | benzophenone <i>Carc. 2, H351</i> | ≤ 1.0% |
| 14808-60-7 | Quartz (SiO ₂) <i>Carc. 1A, H350</i> | ≤ 1.0% |
| · Non-Hazardous Components | | |
| | Acrylic polymer(s) | 10-30% |
| 7732-18-5 | water, distilled, conductivity or of similar purity | 15-40% |

4 First-aid measures

· Description of first aid measures

· General information:

Symptoms of exposure may occur after several hours; therefore medical observation for at least 48 hours after exposure.

First Aid responders should pay attention to self-protection and use the recommended protective clothing. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately rinse with water.

· After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing: If symptoms persist consult doctor.

· Information for doctor:

· Most important symptoms and effects, both acute and delayed No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Trade name: Premicote FG White

(Contd. of page 3)

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Mouth respiratory protective device.
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Isolate area. Keep unnecessary and unprotected personnel from entering the area. Spilled material may cause slipping hazard. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Ensure adequate ventilation.
- **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.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Storage Period: 6 months
Storage Temp: 15 -35 °C
- **Specific end use(s)** No further relevant information available.

(Contd. on page 5)

Trade name: Premicote FG White

(Contd. of page 4)

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

57-55-6 propane-1,2-diol

WEEL Long-term value: 10 mg/m³

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.

- **Breathing equipment:**

In case of brief exposure at low atmospheric levels use an approved air-purifying respiratory equipped with an organic vapor sorbent and a particle filter. In case of intensive or longer exposure use a positive pressure air-supplying respirator (air line or self-contained breathing apparatus).

- **Protection of hands:**



Protective gloves

The workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

- **Material of gloves**

Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber, Polyethylene, EVAL, Neoprene, Nitrile, Viton. When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher is recommended.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed chemical goggles consistent with EN 166 or equivalent. Wear a face-shield which allows use of chemical goggles, or wear full-face respirator to protect face and eyes when there is any likelihood of splashes.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid
Color: According to product specification

(Contd. on page 6)

Trade name: Premicote FG White

(Contd. of page 5)

| | |
|---|--|
| · Odor: | <i>Ammonia-like</i> |
| · Odor threshold: | <i>Not determined.</i> |
| · pH-value: | <i>Not determined.</i> |
| · Change in condition | |
| Melting point/Melting range: | <i>Undetermined.</i> |
| Boiling point/Boiling range: | <i>>100 °C (>212 °F)</i> |
| · Flash point: | <i>Not applicable.</i> |
| · Flammability (solid, gaseous): | <i>Not applicable.</i> |
| · Ignition temperature: | |
| Decomposition temperature: | <i>Not determined.</i> |
| · Auto igniting: | <i>Product is not selfigniting.</i> |
| · Danger of explosion: | <i>Product does not present an explosion hazard.</i> |
| · Explosion limits: | |
| Lower: | <i>Not determined.</i> |
| Upper: | <i>Not determined.</i> |
| · Vapor pressure: | <i>Not determined.</i> |
| · Density: | <i>Not determined.</i> |
| · Relative density | <i>Not determined.</i> |
| · Vapor density | <i>Not determined.</i> |
| · Evaporation rate | <i>Not determined.</i> |
| · Solubility in / Miscibility with | |
| Water: | <i>Not miscible or difficult to mix.</i> |
| · Partition coefficient (n-octanol/water): | <i>Not determined.</i> |
| · Viscosity: | |
| Dynamic: | <i>Not determined.</i> |
| Kinematic: | <i>Not determined.</i> |
| · Solvent content: | |
| VOC content: | <i><50 g/liter</i> |
| Solids content: | <i>65 % (by weight)</i> |
| · Other information | <i>No further relevant information available.</i> |

10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability** *This product is stable at recommended storage conditions (See Section 7).*
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

Trade name: Premicote FG White

(Contd. of page 6)

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

1314-13-2 zinc oxide

| | | |
|------|------|--------------------|
| Oral | LD50 | > 5000 mg/kg (rat) |
|------|------|--------------------|

1897-45-6 chlorothalonil (ISO)

| | | |
|------|------|--------------------|
| Oral | LD50 | >10000 mg/kg (rat) |
|------|------|--------------------|

| | | |
|------------|----------|----------------|
| Inhalative | LC50/4 h | .10 mg/l (rat) |
|------------|----------|----------------|

· **Primary irritant effect:**

· **on the skin:** Irritating effect.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Carcinogenic.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

| | |
|------------|------------------|
| 13463-67-7 | titanium dioxide |
|------------|------------------|

| | |
|-----------|----------------------|
| 1897-45-6 | chlorothalonil (ISO) |
|-----------|----------------------|

| | |
|-------------|--|
| 112926-00-8 | Precipitated silica (Silica-Amorphous) |
|-------------|--|

| | |
|----------|--------------|
| 119-61-9 | benzophenone |
|----------|--------------|

| | |
|------------|----------------------------|
| 14808-60-7 | Quartz (SiO ₂) |
|------------|----------------------------|

· **NTP (National Toxicology Program)**

| | |
|------------|----------------------------|
| 14808-60-7 | Quartz (SiO ₂) |
|------------|----------------------------|

· **OSHA-Ca (Occupational Safety & Health Administration)**

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

(Contd. on page 8)

Printing date 02/02/2016

Reviewed on 02/02/2015

Trade name: Premicote FG White

(Contd. of page 7)

- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

| | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

15 Regulatory information

| | |
|---|------------------------------------|
| · Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| · Clean Air Act | None of the ingredients is listed. |
| · Clean Water Act | None of the ingredients is listed. |
| · Sara | |
| · SARA 302/304 Extremely Hazardous Substance | None of the ingredients is listed. |

(Contd. on page 9)

Trade name: Premicote FG White

(Contd. of page 8)

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

1897-45-6 chlorothalonil (ISO)

1336-21-6 ammonia

1344-28-1 aluminium oxide

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Massachusetts Right To Know

57-55-6 propane-1,2-diol

64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic

64741-88-4 Distillates (petroleum), solvent-refined heavy paraffinic

1344-28-1 aluminium oxide

· New Jersey Right To Know

64741-88-4 Distillates (petroleum), solvent-refined heavy paraffinic

1344-28-1 aluminium oxide

· Pennsylvania Right To Know

57-55-6 propane-1,2-diol

64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic

64741-88-4 Distillates (petroleum), solvent-refined heavy paraffinic

1344-28-1 aluminium oxide

· Proposition 65

· Chemicals known to cause cancer:

13463-67-7 titanium dioxide

1897-45-6 chlorothalonil (ISO)

Polycarboxylate, ammonium salt

119-61-9 benzophenone

14808-60-7 Quartz (SiO₂)

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

1314-13-2 zinc oxide

D, I, II

· TLV (Threshold Limit Value established by ACGIH)

13463-67-7 titanium dioxide

A4

14808-60-7 Quartz (SiO₂)

A2

1344-28-1 aluminium oxide

A4

(Contd. on page 10)

Trade name: Premicote FG White

(Contd. of page 9)

| | |
|---|----------------------------|
| · NIOSH-Ca (National Institute for Occupational Safety and Health) | |
| 13463-67-7 | titanium dioxide |
| 14808-60-7 | Quartz (SiO ₂) |

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** *Danger*

- **Hazard-determining components of labeling:**

titanium dioxide
chlorothalonil (ISO)
Distillates (petroleum), solvent-dewaxed heavy paraffinic
Distillates (petroleum), solvent-refined heavy paraffinic

- **Hazard statements**

Causes skin and eye irritation.
May cause an allergic skin reaction.
May cause cancer.

- **Precautionary statements**

In case of inadequate ventilation wear respiratory protection.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid release to the environment.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
In case of fire: Use for extinction: CO₂, sand, extinguishing powder.
In case of fire: Use for extinction: Water spray.
IF ON SKIN: Wash with plenty of water.
Collect spillage.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 11)

Trade name: Premicote FG White

(Contd. of page 10)

- **National regulations:**
- **Information about limitation of use:**
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

Accella Polyurethane Systems, LLC urges each customer of recipient of this (M)SDS to study it carefully and consult

appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown on this (M)SDS. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his/her activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDS, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

· **Department issuing SDS:** Environmental Health & Safety Department.

· **Contact:** M. Phillips

· **Date of preparation / last revision** 02/02/2016 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity, Hazard Category 4

Acute Tox. 2: Acute toxicity, Hazard Category 2

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Carc. 1A: Carcinogenicity, Hazard Category 1A

Carc. 1B: Carcinogenicity, Hazard Category 1B

Carc. 2: Carcinogenicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3