

Issue Date 28-February-2018

Revision Date

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** PolyKoat Prime 100 - Part A

### Other means of identification

**Product Code** FG00207

**Synonyms**

### Recommended use of the chemical and restrictions on use

**Recommended Use** Concrete Coating.

**Uses advised against** No Data

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Surface Koatings, Inc. 134 Davis Street Portland, TN 37148 Telephone (615) 323-9461

### Emergency telephone number

**Company Phone Number** (615) 323-9461

**24 Hour Emergency Phone Number** 800-535-5053 (United States & Canada), International Call: 1-352-323-3500

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Label elements

N/A

### **Emergency Overview**

#### **No Signal Word**

#### **Hazard statements**

This product is not classified according to GHS regulations.

**Appearance** Transparent Liquid

**Physical state** liquid

**Odor** Slight

#### **Precautionary Statements - Prevention & Response**

N/A

#### **Precautionary Statements - Storage**

Store in well-ventilated place. Keep Cool. Keep container tightly closed. Store locked up.

#### **Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local/regional/national regulations.

### Other Information

Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Dangerous Components:

Chemical Name	CAS No.	Weight-%	Trade Secret
4-chloro-alpha,alpha,alpha-trifluorotoluene	98-56-6	n/a	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>General advice</b>	No special measures required.
<b>Eye contact</b>	IF IN EYES: Immediately remove contact lenses if possible.
<b>Skin contact</b>	IF ON SKIN (or hair): Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
<b>Inhalation</b>	IF INHALED: Supply fresh air and call doctor in case of complaints. In case of unconsciousness place patient stably in side position for transportation.
<b>Ingestion</b>	IF SWALLOWED: Do not induce vomiting; call for medical help immediately.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** Allergic reaction. Gastric or intestinal disorders.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** If swallowed, gastric irrigation with added, activated carbon. If necessary, oxygen respiration treatment. Treat skin and mucous membrane with antihistamine and corticoid preparations. In cases of irritation to the lungs, initial treatment with cortical steroid inhalants.

### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Foam, alcohol resistant foam, ABC powder, gaseous extinguishing agents, and carbon dioxide.

**Unsuitable extinguishing media** Water with full jet, water spray

#### Specific hazards arising from the chemical

Formation of toxic gases is possible during heating or in case of fire.

**Hazardous combustion products** Not available.

#### Explosion data

**Sensitivity to Mechanical Impact** Not available.

**Sensitivity to Static Discharge** Not Available.

#### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and fully protective suit.

#### Additional Information

Cool endangered receptacles with water fog or haze

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      Use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation. Keep unprotected persons away.

**Environmental precautions**

**Environmental precautions**                      Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up**

**Methods for containment & Clean up**                      Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully. Suitable cleaners are: warm water and cleansing agent.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling**                      Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing fumes from hot material. Use with local exhaust ventilation. Avoid inhalation of vapor or mist. Avoid contact with eyes. Ensure good ventilation/exhaustion at the workplace.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**                      Keep container tightly closed in a cool, dry and well-ventilated place. Protect from humidity and water. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid storage near extreme heat, ignition sources and open flame.

**Incompatible materials**                      Do not store together with oxidizing agents and acidic materials. Store away from food items.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**                      No Further Data.

**Appropriate engineering controls**

**Engineering Controls**                      General/Local Ventilation Recommended.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      Wear safety glasses with side shields (or goggles).

**Skin and body protection**                      Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.

**Respiratory protection**                      Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29

CFR 1910.134) and use NIOSH/MSHA approved respirators.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day. Keep away from food items, beverages, and feed.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Amine Characteristic
<b>Appearance</b>	Transparent Liquid	<b>Odor threshold</b>	No data available
<b>Color</b>	Transparent Clear Liquid		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not Established	
Melting point / freezing point	Not Established	
Boiling point / boiling range	Not Established	
Flash point	Not Relevant	CC (closed cup)
Evaporation rate	Not Established	
Flammability (solid, gas)	Not Relevant	
Flammability Limit in Air		
Upper flammability limit:	Not Established	
Lower flammability limit:	Not Established	
Vapor pressure	Not Established	
Vapor density	Not Established	
Density at 20° C	Not Established	
Water solubility	Fully Soluble	Insoluble in water
Solubility in other solvents	Not Established	
Partition coefficient	Not Established	
Ignition temperature	> 500° F / > 260° C	
Decomposition temperature	Not Established	
Kinematic viscosity	Not Established	
Dynamic viscosity	Not Established	
Explosive properties	Not Established	
Oxidizing properties	Not Established	

**Other Information**

<b>Softening point</b>	Not Established
<b>Molecular weight</b>	Not Established
<b>VOC Content (%)</b>	0 g/L
<b>Density</b>	Not Established
<b>Bulk density</b>	Not Established

**10. STABILITY AND REACTIVITY**

**Reactivity**  
Not Available

**Chemical stability**  
No thermal decomposition if used and stored according to specifications.

**Possibility of Hazardous Reactions**  
Toxic fumes may be released if heated above the decomposition point. Reacts with strong oxidizing agents, strong acids, and strong alkali.

**Conditions to avoid**  
Store away from oxidizing agents.

**Incompatible materials**

No further relevant information available.

**Hazardous Decomposition Products**

Danger of toxic fluorine-based pyrolysis products. Carbon monoxide and carbon dioxide. Poisonous gases/vapors.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	Direct contact and vapor inhalation.
<b>Eye contact</b>	Direct contact.
<b>Skin contact</b>	Direct contact.
<b>Ingestion</b>	Direct contact.

**Information on toxicological effects**

**Symptoms** May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Slightly irritating to skin and mucous membrane.
<b>Serious eye damage/eye irritation</b>	Slightly irritating to eyes.
<b>Irritation</b>	Irritating to eyes, respiratory system and skin.
<b>Sensitization</b>	Possible through inhalation and skin contact.
<b>Germ cell mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Reproductive toxicity</b>	Not Available.
<b>STOT - single exposure</b>	Not Available.
<b>STOT - repeated exposure</b>	Sensitizing effect by skin contact is possible by prolonged exposure.
<b>Aspiration hazard</b>	Not Available.

**Numerical measures of toxicity - Product Information**

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Due to mechanical actions of this product (e.g. agglutinations) damages may occur. The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.

**Persistence and degradability**

**Bioaccumulation**  
No data available.

**Other adverse effects** Water hazard class 2 (GER) slightly hazardous for water. Do not allow undiluted product in large quantities to reach ground water, water course, or sewage system.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Under RCRA 40 CFR 261 this material is not a hazardous waste. Small quantities can be disposed of with household waste. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area.

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	No data available
<b>ENCS</b>	No data available
<b>IECSC</b>	No data available
<b>KECL</b>	No data available
<b>PICCS</b>	No data available
<b>AICS</b>	No data available

**Legend:**

All ingredients are on the inventory or fall under the polymer exemption or are on the no longer polymer list.  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

**U.S. EPA Label Information**

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
<b><u>HMIS</u></b>	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection X

**Issue Date** 28-February-2018

**Revision Date**

**Revision Note**

No data available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**