

SAFETY DATA SHEET

SURFASOLVE PREP WIPES™



1. PRODUCT AND COMPANY DESCRIPTION

MANUFACTURER: 21st Century Chemical, Inc.
2960 SW 23rd Terrace,
Dania Beach, Florida 33312

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT:
21st Century Chemical, Inc. at 772-834-3947

FOR PRODUCT INFORMATION: 954-689-7111

PRODUCT STATUS: DOT Non-regulated, No HAPS, No Ingredients designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens. No EPA method 8260 Full list ingredients.

CHEMICAL NAME OR SYNONYM: SURFASOLVE PREP WIPES™,

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: SURFASOLVE™ – Proprietary non-hazardous ingredients (Cocamidopropyl betaine, Lactate Ester, Citric Acid)

3. HAZARDOUS IDENTIFICATION

A. EMERGENCY OVERVIEW:

PHYSICAL APPEARANCE AND ODOR: Moist Towel, characteristic type odor/green apple

WARNING STATEMENTS: May cause Skin and Eye irritation with prolonged use.

B. POTENTIAL HEALTH EFFECTS:

ACUTE EYE: May cause irritation

ACUTE SKIN: May cause slight transient irritation, on prolonged contact

ACUTE INHALATION: N/A.

ACUTE INGESTION: Low acute oral toxicity. May cause digestive irritation.

CHRONIC EFFECTS: There is no evidence of additional adverse effects from available information. This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as a probable or suspected human carcinogen. The primary ingredients are proven to break down into lactic acid and ethanol which are normally hydrolyzed in retro.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL OVEREXPOSURE:

EYE EXPOSURE: Hold eye lids open and flush with a steady, gentle stream of water for several minutes. Seek medical attention if irritation develops or persists.

SKIN EXPOSURE: Wash with water to neutralize and remove.

INHALATION: If respiratory irritation or distress occurs remove to fresh air. Seek medical attention if respiratory irritation continues.

INGESTION: Give 1-2 glasses of water to conscious person to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Vapor may cause eye/respiratory irritation with coughing

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to other materials than this product may have occurred in the likely environment used in.

Treat symptomatically. Water will immediately begin to neutralize material.

5. FIRE FIGHTING MEASURES

FIRE HAZARD DATA:

FLASH POINT: Boiling Point

METHOD USED: Pensky-Martens Closed Cup

FLAMMABILITY LIMITS: N/A

EXTINGUISHING MEDIA: Water Spray, Universal Foam

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS): Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

EVACUATION PROCEDURES AND SAFETY: N/A

CONTAINMENT OF SPILL: Collect and contain contaminated absorbent and dike material for disposal.

CLEANUP AND DISPOSAL OF SPILL: Absorb with an inert absorbent. Scrape up and place in appropriate container. Clean up residual material by washing area with water. Collect washing for disposal.

7. HANDLING AND STORAGE

MINIMUM/MAXIMUM STORAGE TEMPERATURES: Avoid extreme temperatures

HANDLING; No special requirements

STORAGE: Store in closed containers. Store under normal conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

INTRODUCTORY REMARKS: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures vary, safety procedures should be developed for each intended application. While developing safe handling procedures, Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

ENGINEERING CONTROLS: No special requirements.

RESPIRATORY PROTECTION: For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.

EYE/FACE PROTECTION: N/A although it is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

SKIN PROTECTION: Skin contact should be kept to a minimum.

WORK PRACTICE CONTROLS: Personal hygiene is an important work practice, exposure control measure and the following general measures should be taken when working with or handling this material

1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.

2. Wash hands and face carefully before eating, drinking, using tobacco products, applying cosmetics, or using the toilet.

3. Wash exposed skin with water to remove excess material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties here represent typical properties of this product

PHYSICAL APPEARANCE: Clear Liquid on Wiper

ODOR: Characteristic odor

SPECIFIC GRAVITY: N/A

WATER SOLUBILITY: Complete

MELTING POINT RANGE: Not applicable

FREEZING POINT RANGE: -40° F

BOILING POINT RANGE: 302° F at 760 mmHg

VAPOR PRESSURE: Ultra Low < .01 mmHg

VOC: Not determined

EVAPORATION RATE: < 1 (Butyl Acetate = 1)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: This material is stable under normal handling and storage conditions and requires no other special or specific handling techniques.

CONDITIONS TO BE AVOIDED: Extreme Heat

MATERIALS/CHEMICALS TO BE AVOIDED: None Known

THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS MIGHT BE EXPECTED: None known

DECOMPOSITION TYPE: Thermal oxides of carbon

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

ACUTE EYE IRRITATION: May cause irritation

ACUTE SKIN IRRITATION: May cause slight transient irritation, on prolonged contact

ACUTE DERMAL TOXICITY: None found

ACUTE RESPIRATORY IRRITATION: Mists may cause respiratory tract irritation with coughing

ACUTE INHALATION TOXICITY: None found

ACUTE ORAL TOXICITY: None found

CHRONIC TOXICITY: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be probable or suspected human carcinogens.

TOXICOLOGICAL INFORMATION AND INTERPRETATION – MUTAGENICITY, Ames Test: Negative

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: None found

CHEMICAL FATE INFORMATION: Readily biodegradable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.

Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations.

CONTAINER HANDLING AND DISPOSAL: Completely empty the packaging prior to disposal or recycling. Carefully drain and clean. Consult state and local regulations regarding the proper disposal of container.

EPA HAZARDOUS WASTE: NO

14. TRANSPORTATION INFORMATION

TRANSPORTATION STATUS: DOT Proper Shipping Name: NOT REGULATED

15. REGULATORY INFORMATION

There are no components regulated under **RCRA**

There are no components regulated under **CERCLA**

There are no components regulated under **WHMIS**

There are no **HAPS** in this product.

16. OTHER INFORMATION

National Fire Protection Association Hazard Ratings – **NFPA(R)**:

1 Health – Minimal to Slight

1 Flammability - Minimal

0 Instability – Minimal

National Paint & Coating Hazardous Material Identification System – **HMIS(R)**:

1 Health Hazard Rating – Minimal to Slight

1 Flammability Rating – Minimal

0 Reactivity Rating – Minimal

Disclaimer:

The information herein is given in good faith but to no warranty, expressed or implied, is made.

Prepared 1-2012

Revised 12-2013

MATERIAL SAFETY DATA SHEET

SURFASOLVE WATERLESS WIPES™

1. PRODUCT AND COMPANY DESCRIPTION

MANUFACTURER: 21st Century Composites, Inc.
2400 NW 150th Street
Opa Locka, Florida 33054

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT:
21st Century Composites, Inc. at 772-834-3947

FOR PRODUCT INFORMATION: 772-834-3947

PRODUCT STATUS: DOT Non-regulated, No HAPS, No Ingredients designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens. No EPA method 8260 Full list Ingredients.

CHEMICAL NAME OR SYNONYM: SURFASOLVE WATERLESS WIPES™,

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: SURFASOLVE™ - Proprietary non-hazardous Ingredients

3. HAZARDOUS IDENTIFICATION

A. EMERGENCY OVERVIEW:

PHYSICAL APPEARANCE AND ODOR: Moist Towel, characteristic type odor/green apple

WARNING STATEMENTS: May cause Skin and Eye irritation with prolonged use.

B. POTENTIAL HEALTH EFFECTS:

ACUTE EYE: May cause Irritation

ACUTE SKIN: May cause slight transient Irritation, on prolonged contact

ACUTE INHALATION: N/A.

ACUTE INGESTION: Low acute oral toxicity. May cause digestive Irritation.

CHRONIC EFFECTS: There is no evidence of additional adverse effects from available information. This product does not contain any ingredient designated by IARC, NTP, ACGIH, or OSHA as a probable or suspected human carcinogen. The primary ingredients are proven to break down into lactic acid and ethanol which are normally hydrolyzed in retro.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL OVEREXPOSURE:

EYE EXPOSURE: Hold eyelids open and flush with a steady, gentle stream of water for several minutes. Seek medical attention if irritation develops or persists.

SKIN EXPOSURE: Wash with water to neutralize and remove.

INHALATION: If respiratory irritation or distress occurs remove to fresh air. Seek medical attention if respiratory irritation continues.

INGESTION: Give 1-2 glasses of water to conscious person to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Mists may cause eye/respiratory irritation with coughing

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to other materials than this product may have occurred in the likely environment used in.

Treat symptomatically. Water will immediately begin to neutralize material.

5. FIRE FIGHTING MEASURES

FIRE HAZARD DATA:

FLASH POINT: greater than 210° F

METHOD USED: Pensky-Martens Closed Cup

FLAMMABILITY LIMITS: N/A

EXTINGUISHING MEDIA: Water Spray, Universal Foam

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS DECOMPOSITION MATERIALS (UNDER FIRE CONDITIONS): Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

EVACUATION PROCEDURES AND SAFETY: N/A

CONTAINMENT OF SPILL: Collect and contain contaminated absorbent and dike material for disposal.

CLEANUP AND DISPOSAL OF SPILL: Absorb with an inert absorbent. Scrape up and place in appropriate container. Clean up residual material by washing area with water. Collect washing for disposal.

7. HANDLING AND STORAGE

MINIMUM/MAXIMUM STORAGE TEMPERATURES: Avoid extreme temperatures

HANDLING: No special requirements

STORAGE: Store in closed containers. Store under normal conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

INTRODUCTORY REMARKS: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures vary, safety procedures should be developed for each intended application. While developing safe handling procedures, Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

ENGINEERING CONTROLS: No special requirements.

RESPIRATORY PROTECTION: For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.

EYE/FACE PROTECTION: N/A although it is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

SKIN PROTECTION: Skin contact should be kept to a minimum.

WORK PRACTICE CONTROLS: Personal hygiene is an important work practice, exposure control measure and the following general measures should be taken when working with or handling this material

1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
2. Wash hands and face carefully before eating, drinking, using tobacco products, applying cosmetics, or using the toilet.
3. Wash exposed skin with water to remove excess material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties here represent typical properties of this product

PHYSICAL APPEARANCE: Clear Liquid

ODOR: Characteristic odor

SPECIFIC GRAVITY: N/A

WATER SOLUBILITY: Complete

MELTING POINT RANGE: Not applicable

FREEZING POINT RANGE: -20° F

BOILING POINT RANGE: 302° F at 760 mmHg

VAPOR PRESSURE: Ultra Low < .01 mmHg

VOC: Exempt according to CARB-LVP

EVAPORATION RATE: < 1 (Butyl Acetate = 1)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: This material is stable under normal handling and storage conditions and requires no other special or specific handling techniques.

CONDITIONS TO BE AVOIDED: Extreme Heat

MATERIALS/CHEMICALS TO BE AVOIDED: None Known

THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS MIGHT BE EXPECTED: None known

DECOMPOSITION TYPE: Thermal oxides of carbon

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

ACUTE EYE IRRITATION: May cause irritation

ACUTE SKIN IRRITATION: May cause slight transient irritation, on prolonged contact

ACUTE DERMAL TOXICITY: None found

ACUTE RESPIRATORY IRRITATION: Mists may cause respiratory tract irritation with coughing

ACUTE INHALATION TOXICITY: None found

ACUTE ORAL TOXICITY: None found

CHRONIC TOXICITY: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be probable or suspected human carcinogens.

TOXICOLOGICAL INFORMATION AND INTERPRETATION - MUTAGENICITY, Ames Test: Negative

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: None found

CHEMICAL FATE INFORMATION: Readily biodegradable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations.

CONTAINER HANDLING AND DISPOSAL: Completely empty the packaging prior to disposal or recycling. Carefully drain and clean. Consult state and local regulations regarding the proper disposal of container.

EPA HAZARDOUS WASTE: NO

14. TRANSPORTATION INFORMATION

TRANSPORTATION STATUS: DOT Proper Shipping Name: NOT REGULATED

15. REGULATORY INFORMATION

There are no components regulated under RCRA

There are no components regulated under CERCLA

There are no components regulated under WHMIS

There are no HAPS in this product.

16. OTHER INFORMATION

National Fire Protection Association Hazard Ratings - NFPA(R):

- 1 Health - Minimal to Slight
- 0 Flammability - Minimal
- 0 Instability - Minimal

National Paint & Coating Hazardous Material Identification System - HMIS(R):

- 1 Health Hazard Rating - Minimal to Slight
- 0 Flammability Rating - Minimal
- 0 Reactivity Rating - Minimal

Disclaimer:

The information herein is given in good faith but to no warranty, expressed or implied, is made.

Prepared 1-2008.