

# MATERIAL SAFETY DATA SHEET

**SK-2000 ADDITIVE**

Last Updated April 28, 2010



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **SK-2000 ADDITIVE**

CAS Number: Mixture

Product Use: Copolymer Emulsion Additive

Manufacturers Name:

**International Cellulose Corporation**

12315 Robin Boulevard

Houston, TX 77045

+1-713-433-6701

1-800-444-1252 (U.S./Canada Only) Business Phone

1-713-433-6701 7 AM-6 PM (CST) Emergency Phone

[www.spray-on.com](http://www.spray-on.com)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

### CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>	<u>OSHA PEL (TWA)</u>	<u>ACGIH TWA</u>
Water	45 – 55%	7732-18-5	NE	NE
2-Propenoic Acid, Telomer with Sodium Hydrogen Sulfite	45 – 55%	66019-18-9	NE	NE
Residual Monomers	<200.0 ppm	NE	NE	NE

Balance of ingredients are non-hazardous or hazardous in less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**CALIFORNIA PROP 65:** This product does not contain an ingredient(s), above the safe harbor limits, which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

**HAZARDS DISCLOSURE:** This product does contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains known hazardous materials.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING!** INHALATION OF VAPOR OR MIST FROM THIS PRODUCT MAY CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE/SKIN IRRITATION.

**POTENTIAL HEALTH EFFECTS:**

**ROUTES OF ENTRY:** Skin. Eyes, Inhalation, Ingestion.

**TARGET ORGANS:** Skin. Respiratory System

**INHALATION:** Inhalation of vapor or mist may cause irritation to nose, throat and lungs.

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**INGESTION:** Not expected to be a normal route of entry. Ingestion of small amounts may produce mild gastrointestinal irritation.

**SKIN CONTACT:** Prolonged contact with skin may cause irritation. Symptoms include redness, and itching.

**EYE CONTACT:** Contact with the eyes can cause irritation, and redness.

**CHRONIC EXPOSURE:** Repeated inhalation can produce varying degrees of respiratory irritation.

**AGGRAVATION OF PRE-EXISTING CONDITIONS:** Persons with pre-existing eye, skin disorders or impaired respiratory function may be more susceptible to the effects of the substance.

## 4. FIRST AID MEASURES

**INHALATION FIRST AID:** If breathing difficulty develops, remove victim to fresh air. Provide oxygen if breathing continues to be difficult. If not breathing, give artificial respiration, preferably mouth to mouth. GET MEDICAL ATTENTION IMMEDIATELY.

**SKIN CONTACT FIRST AID:** If contact occurs wash skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. GET MEDICAL ATTENTION IF IRRITATION OCCURS.

**EYE CONTACT FIRST AID:** If contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes lifting upper and lower eyelids occasionally. GET MEDICAL ATTENTION IF IRRITATION OCCURS.

**INGESTION FIRST AID:** Induce vomiting ONLY as directed by medical personnel. Never give anything by mouth to an unconscious person. GET MEDICAL ATTENTION IMMEDIATELY.

**NOTE TO PHYSICIANS:** Treat symptoms.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

**AUTO IGNITION TEMPERATURE:** Not Applicable

**FLASH POINT:** Not Applicable

**FLAMMABLE LIMITS IN AIR, % by Volume:** lel: N.E.; uel: N.E.

**EXTINGUISHING MEDIA:** Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

**FIRE & EXPLOSION HAZARDS:** This product has no unusual fire or explosion hazards. Material can splatter above 100°C/212°F. Dried product can burn.

**SPECIAL INFORMATION:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN-UP PROCEDURES:** Evacuate unprotected personnel from the area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in section 8. Contain and recover if possible. Wear rubber gloves, safety glasses, and appropriate body protection. Absorb spilled material using polypads or other suitable absorbent material. Avoid generating mists or sprays. Product may be slippery. Prevent material from entering sewer or confined spaces, waterways, soil or public waters. Always dispose of wastes in accordance with local, state and federal regulations.

## 7. HANDLING AND STORAGE

**RECOMMENDED STORAGE CONDITIONS:** Protect against physical damage. Store containers in a cool, dry location, away from direct sunlight, away from incompatible chemicals. Observe all warnings and precautions listed for the product. Keep from freezing.

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**HANDLING (PERSONNEL):** Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapors, mists, or dust. Do not eat, drink or smoke in work area. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**AIRBORNE EXPOSURE LIMITS:** See Section 2 above.

**VENTILATION SYSTEM:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**PERSONAL RESPIRATORS (NIOSH APPROVED):** If the exposure limit is exceeded and engineering controls are not feasible, a respirator may be required. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

**SKIN PROTECTION:** Wear protective clothing, gloves, as appropriate.

**EYE PROTECTION:** Use safety glasses and/or goggles, as appropriate.

Maintain eye wash fountain and quick-drench facilities in work area.

**GOOD HYGIENE CONDITIONS:** Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**FORM:** Liquid.

**ODOR:** Mild Odor

**SOLUBILITY IN WATER:** Completely soluble in water

**MELTING POINT:** Not Applicable

**AUTO IGNITION TEMPERATURE:** Not Applicable

**pH:** 3.2 - 4

**COLOR:** Clear

**BOILING POINT:** Not Applicable

**SPECIFIC GRAVITY:** Not Established (Water =1)

**EVAPORATION RATE (BuAc=1):** < than 1

**FLASH POINT:** Not applicable

**VAPOR PRESSURE:** 17.0 mmHg

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID:** Contamination, freezing, and high heat may impair product quality.

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY WITH OTHER MATERIALS:** None known

**HAZARDOUS DECOMPOSITION:** Thermal degradation produces acrylic monomers.

## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL DATA:

Acute oral toxicity: LD 50 rat: >5,000 mg/kg

Acute inhalation toxicity: LC 50 rat: NOEL 10 mg/m<sup>3</sup>

Acute dermal toxicity: LD 50 rabbit: >5,000 mg/kg

Skin irritation: Rabbit slight irritation.

Eye irritation: Rabbit slight irritation.

Sensitization: Guinea pig: Not a sensitizer.

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Reproductive effects: Not available

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## Cancer Lists:

### Ingredient

All ingredients

### Known

No

### Anticipated

No

### IARC Category

None

## 12. ECOLOGICAL INFORMATION

### ENVIRONMENTAL FATE:

These products have not been tested for mobility in soil.

### ENVIRONMENTAL TOXICITY:

These products have not been tested for persistence or biodegradability. The components may slowly degrade in the environment and form a variety of organic and inorganic materials; however, no specific information is known.

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

**Recover, reclaim or recycle when practical.**

Dispose of material in accordance with federal, state and local requirements. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permitted under applicable rules, regulations and/or laws governing your location.

## 14. TRANSPORTATION INFORMATION

### Domestic (Land, D.O.T.), International (Water, I.M.O.), International (Air, I.C.A.O.)

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101. Non-Regulated.

## 15. REGULATORY INFORMATION

### FEDERAL REGULATORY STATUS

#### **Chemical Inventory Status - Part 1**

Ingredient

All Ingredients

TSCA

YES

EC

YES

Japan

YES

Australia

YES

#### **Chemical Inventory Status - Part 2**

Ingredient

All Ingredients

Korea

YES

DSL

YES

#### CANADA

NDSL

NO

Phil.

YES

#### **Federal, State & International Regulations - Part 1**

Ingredient

All Ingredients

#### -SARA 302-

RQ

NO

TPQ

NO

#### -SARA 313-

List

NO

Chemical Catalog

NO

Ingredient

All Ingredients

CERCLA

None

-RCRA-

261.33

NO

-TSCA-

8(d)

NO

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**SARA 311/312:** Acute: Yes    Chronic: No    Fire: No    Pressure: No  
Reactivity: No (Pure / Liquid)

**STATE REGULATIONS:**

**PROP 65 - WARNING:**

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

**RCRA 40 CFR:** None.

**CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:** The components of this product are on the DSL Inventory, or are exempted from listing.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Not Classified

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists:, Korea (TCCL), Australia (AICS), China (Draft), PICCS (Philippines-RA6969), Japan (ENCS METI/MOL).

## 16. OTHER INFORMATION

**Label Requirements:**

**WARNING!** INHALATION OF VAPOR OR MIST FROM THIS PRODUCT MAY CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE/SKIN IRRITATION.

<b>Hazardous Material Information System (HMIS):</b>	<b>Health</b>	<b>1</b>
	<b>Flammability</b>	<b>0</b>
	<b>Reactivity</b>	<b>0</b>
	<b>Personal Protection</b>	<b>B</b>

**National Fire Protection Association (NFPA) 1-Health, 0-Flammability, 0-Reactivity**

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: GOGGLES & SHIELD; PROPER GLOVES;

Prepared By: Paul Eigbrett (MSDS Authoring PLUS)

Date: April 28, 2010

Part Number: --

Supersedes Date: New

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## ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004)

Although the information set forth herein is presented in good faith and believed to be correct as of the date of issuance, it has been furnished by our suppliers; consequently, International Cellulose Corporation makes no representations or warranties, express or implied, with respect to information herein presented. The information set forth herein is supplied upon the condition that the persons receiving same will make their own determination as to suitability for their purposes prior to use and relates only to the specific product described and not to such product in combination with any other product. In no event will International Cellulose Corporation be responsible for damages of any nature resulting from the use of or reliance upon this information.

END OF MSDS