



# SAFETY DATA SHEET

## SK-2000/SK-2000 FC Adhesive

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Directives

### 1. PRODUCT IDENTIFICATION

**1.1 TRADE NAME (AS LABELED):**

**SK-2000/SK-2000 FC Adhesive**

**SYNONYMS:**

Copolymer Adhesive

**CAS#:**

Not Applicable

**1.2 PRODUCT USE:**

Insulation Coating

**1.3 MANUFACTURER'S NAME (North America):**

**International Cellulose Corporation**

**ADDRESS:**

12315 Robin Boulevard, Houston, TX 77045

**BUSINESS PHONE#:**

1-713-433-6701

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

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

**EMERGENCY PHONE#:**

www.spray-on.com

**WEBSITE:**

icc@spray-on.com

**EMAIL:**

**1.4 PREPARATION INFORMATION:**

**DATE OF CURRENT REVISION:**

May 11, 2015

**DATE OF LAST REVISION:**

April 27, 2010

### 2. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:**

**Product Description:** This product is a white liquid, with a sweet odor.

**Health Hazards:** This product may cause mild irritation of contaminated tissues and may cause sensitization by skin contact in susceptible individuals.

**Flammability Hazards:** If heated to high temperatures for prolonged period, the water in this product can evaporate off and the residue may ignite. When involved in a fire, this material may decompose and produce irritating vapors and toxic gases (e.g., carbon oxides and sodium oxides).

**Reactivity Hazards:** May hydrolyze in the presence of alkalis.

**Environmental Hazards:** Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS  
Non-Regulated Material

CANADA (WHMIS) SYMBOLS  
Complies with WHMIS 2015

EUROPEAN and (GHS) Hazard Symbols  
None  
Signal Word: None

**2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:**

This product does not meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex VI**

**CAS# 9002-89-5 This substance is not classified in the Annex VI of Directive 67/548/EEC**

**Substances not listed either individually or in group entries must be self classified.**

**Component(s) Contributing to Classification(s)**

All Components

**2.2 LABEL ELEMENTS:**

**GHS Hazard Classification(s):**

None known

**Hazard Statement(s):**

None known

**Precautionary Statement(s):**

None known



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## 2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** Not expected to cause adverse health effects from exposure to this product.

### ACUTE:

**INHALATION:** None known

**CONTACT WITH SKIN:** None known

**EYE CONTACT:** None known

**INGESTION:** Not expected to be a route of entry based on size and configuration.

**CHRONIC:** None known

**TARGET ORGANS: Acute:** None known

**Chronic:** None Known

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	Hazard Classification
Polyvinyl Alcohol Polymers and Copolymers	7 – 13%	9002-89-5	209-183-3	Not Classified
Vinyl Acetate/Ethylene Copolymers	10 – 20%	Proprietary	Proprietary	Not Classified
Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

## 4. FIRST-AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES:

**EYE CONTACT:** If this product enters the eyes, open contaminated individual's eyes while under gently running water. Use sufficient force to open eyelids. Have contaminated individual "roll" eyes. Minimum flushing is for 15 minutes. Contaminated individual should seek medical aid to ensure proper treatment.

**SKIN CONTACT:** If this product contaminates the skin, promptly wash with soap and water. Also wash after use or before eating or smoking. Remove exposed or contaminated clothing, taking care not to contaminate eyes. The contaminated individual should seek medical attention if any adverse effect occurs.

**INHALATION:** If breathing becomes difficult remove contaminated individual to fresh air. Seek medical attention if breathing difficulties continues.

**INGESTION:** Routine use of this product is not expected to cause any situation which could lead to ingestion. If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Skin and respiratory disorders, as well as conditions involving the "Target Organs" (see Section 3, Hazard Identification) may be aggravated by prolonged overexposures to this product.

### 4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Exposure to this product is not expected to cause adverse health effects.

### 4.3 RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

## 5. FIRE-FIGHTING MEASURES

### 5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray: Yes                      Carbon Dioxide: Yes

Foam: Yes                                Dry Chemical: Yes

Halon: Yes                                Other: Any "C" Class

### 5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No



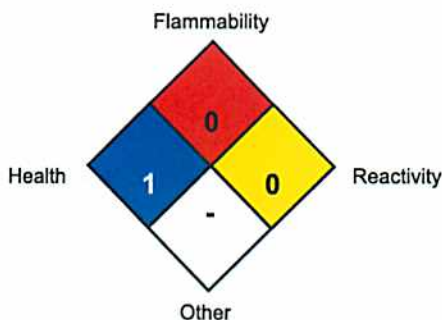
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## 5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### NFPA RATING SYSTEM



### HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)	1		
FLAMMABILITY HAZARD (RED)	0		
PHYSICAL HAZARD (YELLOW)	0		
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

See section 8.2 for Exposure Controls.

### 6.2 ENVIRONMENTAL PRECAUTIONS:

None known

### 6.3 SPILL AND LEAK RESPONSE:

Proper protective equipment should be used. Personnel should be trained for spill response operations.

**Small Spills:** Wear rubber gloves, safety glasses, and appropriate body protection. Wipe or absorb spill with inert material. Pick up and place in suitable containers and keep for proper disposal.

**Large Spills:** Trained personnel following pre-planned procedures should handle non-incident releases. Minimum Personal Protective Equipment should be gloves, boots, and safety glasses. Contain and transfer into suitable containers and keep for recovery and use or disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations). For spills on water, contain, minimize dispersion and collect. Dispose of recovered material and report spill per regulatory requirements.

## 7. HANDLING and STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

Read instructions before use.

### 7.2 STORAGE AND HANDLING PRACTICES:

All employees who handle this material should be trained to handle it safely. Avoid contact with eyes, skin and clothing. Store at 33°F to 120°F (1°C to 49°C). Avoid contamination. Keep from freezing.

### 7.3 SPECIFIC USES:

Insulation Coating

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

### 8.1 EXPOSURE PARAMETERS:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Polyvinyl Alcohol Polymers and Copolymers	9002-89-5	Not Listed	Not Listed
Vinyl Acetate/Ethylene Copolymers	Proprietary	Not Listed	Not Listed



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## **8.2 EXPOSURE CONTROLS:**

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation, and process enclosure if necessary, to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

**RESPIRATORY PROTECTION:** Respiratory protection is generally not needed for normal handling. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under U.S. Federal OSHA's Respiratory Protection Standard (1910.134-1998) or the regulations of various U.S. States, Canada, EU Member States, or those of Japan. Air-purifying respirators with dust/mist/fume filters are recommended if operations may produce mists or sprays from this product.

**EYE PROTECTION:** Safety glasses and/or face shield or splash goggles, as handling or use conditions require. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**HAND PROTECTION:** Liquid proof gloves such as Neoprene gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**BODY PROTECTION:** As needed to minimize contact. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## **9. PHYSICAL and CHEMICAL PROPERTIES**

### **9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE (Physical State) and COLOR:** This product is a clear to white liquid.

**ODOR:** Sweet odor

**ODOR THRESHOLD:** Not Applicable

**pH:** Not established

**MELTING/FREEZING POINT:** Not Applicable

**BOILING POINT:** Not Applicable

**FLASH POINT:** Not Applicable

**EVAPORATION RATE (n-BuAc=1):** Not established

**FLAMMABILITY (SOLID, GAS):** Not Applicable

**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not Applicable

**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** 17.0 mm Hg

**VAPOR DENSITY:** Not established

**RELATIVE DENSITY:** Not Applicable

**DENSITY:** Not Applicable

**SPECIFIC GRAVITY:** NE

**SOLUBILITY IN WATER:** Soluble

**WEIGHT PER GALLON:** Not Applicable

**PARTITION COEFFICIENT (n-octanol/water):** Not Applicable

**AUTO-IGNITION TEMPERATURE:** Not Applicable

**DECOMPOSITION TEMPERATURE:** Not Available

**VISCOSITY:** Not Applicable

**VOC g/l / Lb/gal:** Not Applicable

### **9.2 OTHER INFORMATION:**

No additional information available.

## **10. STABILITY and REACTIVITY**

### **10.1 REACTIVITY:**

This product is not reactive.



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## **10.2 STABILITY:**

Stable under conditions of normal storage and use.

## **10.3 POSSIBILITY OF HAZARDOUS REACTIONS:**

Will not occur

## **10.4 CONDITIONS TO AVOID:**

Avoid exposure to or contact with extreme temperatures and incompatible chemicals.

## **10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:**

Mineral acids, bases, alkalis.

## **10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

Combustion: Carbon oxides and sodium oxides. Hydrolysis: None known

## 11. TOXICOLOGICAL INFORMATION

### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**

#### **TOXICITY DATA:**

Polyvinyl Alcohol Polymers and Copolymers Acute oral toxicity: LD 50 oral rat: >20 g/kg, LD50 oral, mouse: 14700 mg/kg

**SUSPECTED CANCER AGENT:** The components of these products are listed by agencies tracking the carcinogenic potential of chemical compounds as follows: Polyvinyl Alcohol: IARC-3 (Not Classifiable as to Carcinogenicity to Humans) Balance of components are not listed and therefore are neither considered to be nor suspected to be cancer causing agents.

**IRRITANCY OF PRODUCT:** Mists and sprays of this product can cause eye irritation. Prolonged or repeated skin contact may cause dermatitis.

**SENSITIZATION TO THE PRODUCT:** This product is not considered a sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenicity effects in humans.

Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans.

**SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:** None known

**SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** None known

**ASPIRATION HAZARD:** None

## 12. ECOLOGICAL INFORMATION

### **12.1 TOXICITY:**

No toxicity data available.

### **12.2 PERSISTENCE AND DEGRADABILITY:**

No specific data available on this product.

### **12.3 BIOACCUMULATIVE POTENTIAL:**

No specific data available on this product.

### **12.4 MOBILITY IN SOIL:**

No specific data available on this product.

### **12.5 RESULTS OF PBT ANDvPvB ASSESSMENT:**

No specific data available on this product.

### **12.6 OTHER ADVERSE EFFECTS:**

No specific data available on this product.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

### **12.7 WATER ENDANGERMENT CLASS:**

Water endangering in accordance with EU Guideline 91/155-EWG. Not determined

## 13. DISPOSAL CONSIDERATIONS

### **13.1 WASTE TREATMENT METHODS:**

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.



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**13.2 EU Waste Code:**

Not determined

## 14. TRANSPORTATION INFORMATION

**US DOT, IATA, IMO, ADR:**

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

**14.1 PROPER SHIPPING NAME:** Non-Regulated Material

**14.2 HAZARD CLASS NUMBER and DESCRIPTION:** None

**14.3 UN IDENTIFICATION NUMBER:** None

**14.4 PACKING GROUP:** None

**14.5 DOT LABEL(S) REQUIRED:** None

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:** None

**RQ QUANTITY:** None

**14.6 MARINE POLLUTANT:** None of the components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

**14.7 SPECIAL PRECAUTIONS FOR USER:**

None known

**14.8 INTERNATIONAL TRANSPORTION:**

**INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):** This product is not considered as dangerous goods.

**INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO):** This product is not considered as dangerous goods.

**14.9 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:**

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):** This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

## 15. REGULATORY INFORMATION

**15.1 UNITED STATES REGULATIONS:**

**U.S. SARA REPORTING REQUIREMENTS:** The components of this article are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** The Acetaldehyde, Formaldehyde components present in this product in trace amounts and are on the California Proposition 65 list. Warning! This product contains chemicals known to the State of California to cause cancer.

**15.2 CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:** The raw materials used in this article are on the DSL Inventory, or are exempted from listing.

**OTHER CANADIAN REGULATIONS:** Not applicable.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Complies with WHMIS 2015

**15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

See Section 2 for full Details.

**15.4 AUSTRALIAN INFORMATION FOR PRODUCT:**

The raw materials used in this article are listed on the International Chemical Inventory list.



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## **15.5 JAPANESE INFORMATION FOR PRODUCT:**

### **JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:**

The components of this article are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

### **JAPANESE ENCS INVENTORY:**

The raw materials used in this article are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.

### **POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW:**

No component of this article is a listed Specified Poisonous Substance under the Poisonous and Deleterious Substances Control Law.

## **15.6 INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the raw materials used in producing this article on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftliste List of Toxic Substances: Listed

U.S. TSCA: Listed

## 16. OTHER INFORMATION

**PREPARED BY:** Paul Eigbrett – **(GHS MSDS Compliance PLUS)**

**DATE OF PRINTING:** May 11, 2015

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**END OF SDS SHEET**