SAFETY DATA SHEET

SK-2000 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 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)
EMERGENCY PHONE#:	1-713-433-6701 7 AM–6 PM (CST)
WEBSITE:	www.spray-on.com
EMAIL:	icc@spray-on.com
1.4 PREPARATION INFORMATION:	
DATE OF CURRENT REVISION:	August 21, 2023
DATE OF LAST REVISION:	June 8, 2021

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:
Product Description: This product is a white liquid with a slight odor.
Health Hazards: This product may cause mild irritation of the eyes and the skin.
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.
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.

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

This product meets the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and regulation (EU) No. 2020/878 and regulation (EC) No. 1272/2008.

EC# 618-340-9 This substance is not classified in the Annex VII
EC# 607-457-0 This substance is not classified in the Annex VII
Substances not listed either individually or in group entries must be self-classified.

Component(s) Contributing to Classification(s)

All Ingredients

2.2 LABEL ELEMENTS:

EUROPEAN and (GHS) Hazard Symbols

None Applicable

Signal Word: Warning

GHS Hazard Classification(s):

Skin Irritation Category 3
Eye Irritation Category 2B

Hazard Statement(s):

H316 Causes mild skin irritation
H320 Causes eye irritation

Prevention Statement(s):

P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement(s):

P302+352 - IF ON SKIN: Wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Storage Statement(s):

P404 – Store in a closed container

Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 OTHER HAZARDS:

Mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII.

Endocrine Disruptor Information: This product does not contain chemicals on the Candidate List of substances of very high concern for Authorisation.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	GHS Hazard Classification (s)
Polyvinyl Alcohol	70 – 80%	9002-89-5	618-340-9	Not Classified
Vinyl Acetate / Ethylene Copolymer	20 – 30%*	24937-78-8	607-457-0	Not Classified
Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

* NOTE: The actual concentration is being withheld

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. If spontaneous vomiting has occurred, the patient should be monitored for pneumonitis, symptoms may be delayed.

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

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.

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-incidental 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 33ºF to 120ºF (1ºC to 49ºC). Avoid contamination. Keep from freezing.

7.3 SPECIFIC USES:

Adhesive

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

8.1 EXPOSURE PARAMETERS:

No data available for this product or its components.

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 PVC. 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: Liquid proof apron or coveralls, if 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 white liquid.
ODOR: Slight odor
ODOR THRESHOLD: Not Applicable
pH: Not established
MELTING/FREEZING POINT: Not Applicable
BOILING POINT: Not Applicable
FLASH POINT: Not Applicable
FLAMMABILITY (SOLID, GAS): Not Applicable
UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS: Not Applicable
VAPOR PRESSURE (mm Hg @ 20°C (68°F): Not Available
VAPOR DENSITY: Not established
RELATIVE DENSITY: Not Applicable
DENSITY: Not Applicable
SPECIFIC GRAVITY: Not Available
SOLUBILITY IN WATER: Soluble
WEIGHT PER GALLON: Not Applicable
PARTITION COEFFICENT (n-octanol/water): Not Applicable
AUTO-IGNITION TEMPERATURE: Not Applicable
DECOMPOSITION TEMPERATURE: Not Available
VISCOSITY: Not Applicable
VOC g/l / Lb/gal: Not Applicable

9.2.1 INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES

EXPLOSIVES: Not Available
FLAMMABLE GASES: Not Available
AEROSOLS: Not Available
OXIDISING GASES: Not Available
GASES UNDER PRESSURE: Not Available
FLAMMABLE LIQUIDS: Not Available
FLAMMABLE SOLIDS: Not Available
SELF-REACTIVE SUBSTANCES AND MIXTURES: Not Available
PYROPHORIC LIQUIDS: Not Available
PYROPHORIC SOLIDS: Not Available
SELF-HEATING SUBSTANCES AND MIXTURES: Not Available
SUBSTANCES AND MIXTURES, WHICH EMIT FLAMMABLE GASES IN CONTACT WITH WATER: Not Available
OXIDISING LIQUID: Not Available
OXIDISING SOLID: Not Available
ORGANIC PEROXIDES: Not Available
CORROSIVE TO METALS: Not Available
DESENSITISED EXPLOSIVES: Not Available
GASES UNDER PRESSURE: Not Available

9.2.2 OTHER SAFETY CHARACTERISTICS

MECHANICAL SENSTIVITY: Not Available
SELF-ACCELERATING POLYMERISATION TEMPERATURE: Not Available
FORMATION OF EXPLOSIBLE DUST/AIR MIXTURES: Not Available
ACID/ALKALINE RESERVE: Not Available
EVAPORATION RATE: Not Available
MISCIBILITY: Not Available
CONDUCTIVTY: Not Available
CORROSIVENESS: Not Available
GAS GROUP: Not Available
REDOX POTENTIAL: Not Available
RADICAL FORMATION POTENTIAL: Not Available
PHOTOCATALYTIC PROPERTIES: Not Available

10. STABILITY and REACTIVITY

10.1 REACTIVITY:
This product is not reactive.

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:

Chemical Name	CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Polyvinyl Alcohol	9002-89-5	>20 gm/kg	No Data Available	No Data Available
Vinyl Acetate / Ethylene Copolymer	24937-78-8	>2000 mg/kg	No Data Available	No Data Available

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Skin Irritation Category 3
Serious eye damage / irritation	Eye Irritation Category 2B
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

CARCINOGENIC CATEGORIES: Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, or suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: May cause irritation to skin/eye.

SENSITIZATION TO THE PRODUCT: No information available for this product

REPRODUCTIVE TOXICITY INFORMATION: No specific information is available concerning the effects of this product and its components on the human reproductive system.

11.2 INFORMATION ON OTHER HAZARD CLASSES WHICH RELATES TO ENDOCIRNE DISRUPTING PROPERTIES:
No specific data available for this product.

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 AND vPvB ASSESSMENT:
No specific data available on this product.
12.6 ENDOCRINE DISRUPTING PROPERTIES:
No specific data available on this product.
12.7 OTHER ADVERSE EFFECTS:
No specific data available on this product.
ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.
12.8 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.
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 components of this product are not listed on the PROP 65 Lists.

15.2 CANADIAN REGULATIONS:

CANADIAN DSL/NDSL 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 WHIMIS 2015

15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:

This product does 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, 2015/830/EU 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.

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

HMIS Rating (Scale 0-4)	**NFPA Rating (Scale 0-4)**
Health hazard: 1	Health hazard:1
Flammability: 0	Flammability: 0
Physical Hazard: 0	Physical Hazard: 0

Abbreviations and acronyms

ACGIH	*American Conference of Governmental Industrial Hygienists*
CFR	*Code of Federal Regulations*
DOT	*Federal Department of Transportation*
GHS	*The Globally Harmonized System of Classification and Labelling of Chemicals*
HMIS	*Hazardous Material Identification System*
HCS	*Hazard Communication Standard*
IARC	*International Agency for Research on Cancer*
IATA	*The International Air Transport Association*
ICAO	The *International Civil Aviation Organization*
IMDG	*International Maritime Dangerous Goods*
IMO	*International Maritime Organization*
LD50/LC50	*Lethal Concentration/Dose, 50 percent*
NFPA	*National Fire Protection Association*
NIOSH	*National Institute for Occupational Safety and Health*
NTP	*National Toxicology Program*

OSHA	*Occupational Safety and Health*
PEL	*Permissible Exposure Limit*
SARA	*Superfund Amendments and Reauthorization Act*
TLV	*ACGIH Threshold Limit Value*
TWA	*Time-Weighted Average*

PREPARED BY: Chris Eigbrett – **(MSDS to GHS Compliance)**

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REVISION LOG

November 22, 2016	- Updated to Latest EU requirement, added revision log.
April 10, 2018	- Updated WHMIS 2015 requirements.
June 8, 2021	- Updated new Ingredient listing
August 21, 2023	- Updated to comply with 2020/878. Updates to Section 2, 9, 11, 12, 16.

END OF SDS SHEET.