

MATERIAL SAFETY DATA SHEET

UK-100 ADHESIVE

Last Updated April 1, 2013



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **UK-100 ADHESIVE**

CAS Number: Mixture

Product Use: Water based Adhesive

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

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>
Vinyl Acetate based Polymer	42 – 44%%	9003-20-7	Not Listed	Not Listed
Water	Balance	7732-18-5	Not Listed	Not Listed

Balance of above 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.

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.

MATERIAL SAFETY DATA SHEET

UK-100 ADHESIVE

Last Updated April 1, 2013

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 OCCURRS.

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 OCCURRS.

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.

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.

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.

MATERIAL SAFETY DATA SHEET

UK-100 ADHESIVE

Last Updated April 1, 2013

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

ODOR: Mild Acrylate Odor

SOLUBILITY IN WATER: Completely soluble in water

MELTING POINT: Not Applicable

AUTO IGNITION TEMPERATURE: Not Applicable

pH: 4.0 – 5.0

BOILING POINT: 212°F

SPECIFIC GRAVITY: 1.0 – 1.1 (Water =1)

EVAPORATION RATE (BuAc=1): < than Ether

FLASH POINT: Not applicable

VAPOR PRESSURE: No Data

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 carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA:

The polymer itself is essentially not toxic. Additives and residual monomers, present at very low or trace amounts, have minimal hazard potential when the product is properly used and handled in intended industrial settings.

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Reproductive effects: Not available

Cancer Lists:

<u>Ingredient</u>	<u>Known</u>	<u>Anticipated</u>	<u>IARC Category</u>
All ingredients	No	No	None

MATERIAL SAFETY DATA SHEET

UK-100 ADHESIVE

Last Updated April 1, 2013

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	<u>TSCA</u>	<u>EC</u>	<u>Japan</u>	<u>Australia</u>
All Ingredients	YES	YES	YES	YES

Chemical Inventory Status - Part 2

Ingredient	<u>Korea</u>	<u>DSL</u>	<u>CANADA</u>	<u>Phil.</u>
All Ingredients	YES	YES	<u>NDSL</u>	YES

Federal, State & International Regulations - Part 1

	<u>-SARA 302-</u>			<u>-SARA 313-</u>
Ingredient	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Chemical Catalog</u>
All Ingredients	NO	NO	NO	NO
	<u>CERCLA</u>		<u>-RCRA-</u>	<u>-TSCA-</u>
Ingredient			<u>261.33</u>	<u>8(d)</u>
All Ingredients		None	NO	NO

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.

MATERIAL SAFETY DATA SHEET

UK-100 ADHESIVE

Last Updated April 1, 2013

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.

Hazardous Material Information System (HMIS):	Health	1
	Flammability	0
	Reactivity	0
	Personal Protection	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 Eighbrett (MSDS Authoring PLUS)

Date: April 1, 2013

Part Number: --

Supersedes Date: June 18, 2011

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