

K-13 Spray-On/SonaSpray/URE-K

Material Safety Data Sheet

Comment: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEc and Canadian Hazardous Products Act.

Identity (As used on Label and List)	
K-13 Spray-On/SonaSpray/URE-K	

Section I – General Information

Manufacturer's Name International Cellulose Corporation	Emergency Telephone Number (713) 433-6701
Address 12315 Robin Boulevard Houston, TX 77045	Telephone Number for Information (713) 433-6701
Date Prepared: 8/01/2003	
Signature of Preparer:	

Section II – Components/Hazardous Ingredients/Identity Information

Hazardous Components Common Names and Chemical Abstracts Service (CAS) Identifier Number	OSHA PEL 8-hr TWA, mg/m ³	ACGIH TLV 8-hr TWA, mg/m ³	Other Rec. Limits (NIOSH) 8-hr TWA	Percent (%) by Wt
Borates, Tetra, Sodium Salts (Borax) CAS 1303-96-4 (Generic) CAS 12179-04-3 (Pentahydrate)	15 Total, 5 respirable	1 Pentahydrate	1 Pentahydrate	5.5% Max
Boric Acid (Orthoboric Acid, Boracic Acid) CAS 10045-35-3	15 Total, 5 respirable	10	10 Total, 5 respirable	15% Max
Calcium Carbonate (Calcite, Aragonite, Limestone) CAS 1317-65-3	15 Total, 5 respirable	10	10 Total, 5 respirable	6.5% Max
Cellulose (Macerated Paper) CAS 9004-34-6	15 total, 5 respirable	10	10 Total, 5 respirable	80% Max
Carbon, Amorphous (Carbon Black) CAS 1333-86-4	3.5	3.5	3.5	0-2%

Note: Manufacturer's recommended maximum workplace exposure limit: 5 mg/m³ Total Dust, dry basis, 8-hr time-weighted basis. When product is applied according to Manufacturer's instructions, evaluations during and after application indicate results significantly below 5 mg/m³ time-weighted average.

Section III – Physical/Chemical Characteristics

Boiling Point: Decomposes **Specific Gravity (H₂O = 1)** 0.86 **Vapor Pressure (mm Hg.)** 0, (solid)
Melting Point: Decomposes **Solubility in Water:** Slight: (Estimated, less than 2 grams/100mL)
Appearance and Odor: Fine, white fibrous particles from treatment of bleached cellulose from wood or cotton. Fibrous, odorless material packaged in labeled plastic bag.

Section IV – Fire and Explosion Hazard Data

Flash Point : NA **Extinguishing Media:** No restrictions.
LEL: NA **Special Fire Fighting Procedures:** None
UEL: NA **Unusual Fire and Explosion Hazards:** None reported

Section V – Reactivity Data

Stable under normal ambient room conditions. Incompatibility: Fire retardant properties likely will be reduced or eliminated by the following: contamination with oils, fuels, other flammable/combustible materials, or strong oxidizers. **Hazardous Decomposition or byproducts:** Expected decomposition products include carbon monoxide and carbon dioxide. Hazardous polymerization Will NOT Occur.

Section VI – Health Hazard Data for Cellulose

LD50: >5 gm/kg Oral – rat LC50: >5800 mg/m³/4H inhalation – rat
 No unusual emergency procedures are indicated
 Carcinogenicity: Not listed by NTP, or IARC as a carcinogen. Not listed by OSHA as a carcinogen.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Lightly wet spilled material with water to prevent dusting and transfer to leak proof container. Seal container, attach appropriate labels, and dispose of according to Federal, State, and local regulations.

Waste Disposal Method: Handle according to applicable waste regulations.

Precautions to taken in Handling and Storing:

- Store in tightly closed containers in cool, dry, protected area
- Isolate from incompatible substances.

Section VIII – Control Measures

Engineering Controls: If dust is generated, provide local exhaust ventilation to control airborne levels below the ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10 mg/m³ for inhalable particles and 3 mg/m³ of respirable particles.

Personal Protective Equipment: Under normal manufacturer's specified application conditions, no respiratory protection should be necessary. However, if airborne dust is present, use a NIOSH approved particulate respirator. Under emergency firefighting, responders should wear appropriate protective fire fighting equipment. Protective gloves and eye protection are optional for this product, but should be worn if other corrosive substances are present in the workplace. Wear usual personal protective gear appropriate to work environment.

Work/Hygienic Practices: Wash face and hands before eating. Shower and change clothing daily.

Manufacturer Disclaimer: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of this product are therefore assumed by the user. Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.