

# Material Safety Data Sheet

Safety data sheet in accordance with ISO 11014-1 and ANSI Z 400.1-1993

Trade name: S-LEC K KW-10

Position: 2001/04/01

Version: 3

Page: 1(5)

## 1. Identification of the Substance/Preparation and Company

### Product Details

Trade Name: S-LEC K KW-10

### Supplier Details

Manufacturer's Name: SEKISUI CHEMICAL CO.,LTD.

Division: Chemical Speciality Division

Address: 2-4-4 Nishitemma, Kita-ku, Osaka, 530-8565 Japan

Telephone No.: +81-(0)6-6365-4547 (Japan)

### Emergency Telephone No.:

+81-(0)748-62-8175 (Japan) CS Technical Section, SEKISUI CHEMICAL CO.,LTD.

+011- 212-489-3500 (USA) CS Technical Support, SEKISUI AMERICA CORP.

+00(0)211-36977-0 (Germany) CS Technical Support, SEKISUI CHEMICAL GmbH.

## 2. Composition/Information on Ingredients

Classification as mono-substance or composition: composition(water solution)

### Chemical characterization:

solid : Vinyl butyral polymers (25 ± 3 %) CAS number 63148-65-2\*

solvent: water (75 ± 3 %)

The solid content of this product is 25 ± 3 (wt%)

## 3. Hazards Identification

Hazards categories: Not applicable

### Carcinogenicity information:

This product does not contain 0.1% or more of those listed in OSHA or ACGIH as a carcinogen.

## 4. First Aid Measures

After inhalation: Gargle immediately and move into fresh air and keep calm.  
In the event of symptoms, take medical treatment.

After contact with skin: Wash with water and a mild cleanser.

After contact with eyes: Flush eyes immediately with plenty of water for at least 15 minutes, without rubbing eyes or eyelids. Seek medical advice in the event of irritation.

After ingestion: Rinse the inside of mouth with water. If possible, drink a large amount of water or salt water to induce vomiting.  
Get medical help.

5. Fire-Fighting Measures

Extinguishing Media:

Water Spray

Class A Extinguishing Agent

Extinguishing Measure:

Recommend to use self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Wipe off with paper or cloth. Recommend to use safety goggles and respiratory protection equipment. For little remains, wash with much water and recommend to use defoamer to decompose the foam.

7. Handling and Storage

Handling:

Advice on safe handling

S-LEC K KW is not hazardous, but avoid unnecessary exposure, eye contact. Recommend to use adequate equipment to avoid. Wear safety goggles and gloves.

Handle in accordance with good industrial hygiene and safety practices to avoid unnecessary exposure.

Storage: Handle as a combustible. Take precautions against fire. Store in a place free of incendiary fire, etc.

Keep away from water. Do not store under direct sunshine.

Preferably store inside ventilated well.

8. Exposure Controls/Personal Protection

Personal Protective Equipment

Eye/face protection: glasses or goggles.

Respirators:

Wear respiratory protective equipment to prevent inhalation.  
Not usually required if local exhaust is sufficient.

Protective Clothing:

If there is a potential for contact with skin, wear appropriate impervious apron, pants, jacket.

Hands:

Appropriate gloves.

Other:

Local exhaust should be used in handling.

Exposure Limits: PEL (OSHA) None established.  
TLV (ACGIH, 1992-1993) N.A.

9. Physical and Chemical Properties

Appearance:

|                      |                          |
|----------------------|--------------------------|
| Form:                | Solution                 |
| Colour:              | Light-yellow transparent |
| Boiling Point:       | 100                      |
| Solid Content:       | 25 ± 3 (wt%)             |
| Solubility in water: | Soluble                  |
| Melting Point:       | N.A.                     |
| Odour:               | Slight                   |
| Specific Gravity:    | 1.06(H <sub>2</sub> O=1) |
| Vapour Pressure:     | N.A.                     |

10. Stability and Reactivity

Flash point: N.A.

Ignition Temperature: 390 °C (= 734 °F) (solid)

Ignitability: None  
(self-ignitability, reactivity with water)

Oxidation Reactivity: None

Self reactivity, Explosivity: None (Polymerization will not occur)

Thermal decomposition: From 350 °C ( 662 °F) in air

Dust explosion: None

Other hazards:

Decomposition products

carbon monoxide, carbon dioxide, methan, n-butylaldehyde, formaldehyde, acetaldehyde, buthanol, methanol, Acrolein, Crotonaldehyde, Acetic acid, butyric acis, valeic acid, Hydrocarbons.

Incompatibility (Material to avoid)

Strong Oxidizers

### 11. Toxicological Information

Inhalation, Irritation:

Practically nonetoxic.

However, fumes generated at high temperatures such as decomposed gas or fire processing may cause irritation to the eyes or respiratory organs, and some gases may be toxic.

Acute Toxicity: LD50 > 5000 mg/Kg (oral-rat)

Subacute Toxicity: None known

Irritation (skin, eyes): Skin; None-irritating  
Eyes; Irritating as foreign particles

Birth defect: None known

### 12. Ecological Information

No data available of decomposability, cumulativity, ichityotoxicity.

Low toxicity, but do not put in ponds, lakes or streams. Do not dispose in normal landfill.

### 13. Disposal Considerations

Waste disposal:

Burn in an approved incinerator or dispose of in an approved chemical landfill where permitted under local, state and federal laws and regulations.

Safety data sheet in accordance with ISO 11014-1 and ANSI Z 400.1-1993

Trade name: S-LEC K KW-10

Position: 2001/04/01

Version: 3

Page: 5(5)

14. Transport Information

Treat the material as a combustible. Take care not to vibrate intensely.

15. Regulatory Information

U.S. Federal Regulations: TSCA Inventory Status Listed

EC: Ecoin/EINECS Inventory Status Listed

16. Other Information

For other information, contact

Chemical Speciality Technical Section

Minakuchi Plant

Sekisui Chemical Co., Ltd.

1259 Izumi, Minakuchi-cho, Koga, Shiga, 528-8585 Japan

Tel: +81-(0)748-62-8175 (Japan)

Fax: +81-(0)748-63-2528 (Japan)

This MSDS is based on our present state of knowledge, and presented as reference information for safety use.

It should not therefor be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Date of printing 2001/04/01