



# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Issue date: 10/03/2011

Revision date: 03/19/2024 Version: E

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Filter, Activated Carbon & Potassium Permanganate  
Product code : 0169

#### 1.2. Recommended use and restrictions on use

Tissue-Tek® Accu-Edge® Grossing Stations.

#### 1.3. Supplier

Sakura Finetek USA Inc.  
1750 West 214th St.  
Torrance, CA 90501  
T 1-310-972-7800

#### 1.4. Emergency telephone number

CHEMTREC 1-800-424-9300  
Email: [SDSsupport@sakuraus.com](mailto:SDSsupport@sakuraus.com)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|                                                    |                                         |
|----------------------------------------------------|-----------------------------------------|
| Oxidizing solids                                   | Category 2                              |
| Skin corrosion/irritation                          | Category 1C                             |
| Serious eye damage/eye irritation                  | Category 1                              |
| Specific target organ toxicity, single exposure    | Category 3 respiratory tract irritation |
| Hazardous to the aquatic environment, acute hazard | Category 1                              |

|                                                        |            |
|--------------------------------------------------------|------------|
| Hazardous to the aquatic environment, long-term hazard | Category 1 |
|--------------------------------------------------------|------------|

Combustible dust

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard Pictograms (GHS US)



|                                  |                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word (GHS US)             | : Danger                                                                                                                                                                                                          |
| Hazard statement (GHS US)        | : May intensify fire; oxidizer. Causes severe skin burns and eye damage. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects. May form combustible dust concentrations in air. |
| Precautionary statement (GHS US) | : Keep away from heat. Keep/Store away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles. Do not breathe dust. Wash thoroughly after handling. Use only                  |

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Store in a well-ventilated place. Keep container tightly closed. Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                   | Product identifier | %    |
|------------------------|--------------------|------|
| Activated Carbon       | CAS-No.: 7440-44-0 | > 75 |
| Potassium Permanganate | CAS-No: 7722-64-7  | 6-8  |

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets.

This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1). Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/ inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after inhalation   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                                           |
| First-aid measures after skin contact | : IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. |
| First-aid measures after eye contact  | : Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.                                                                            |
| First-aid measures after ingestion    | : Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.                                                                                                           |

### 4.2. Most important symptoms and effects (acute and delayed)

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Coughing.

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### 4.3. Immediate medical attention and special treatment, if necessary

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. Take off all contaminated clothing immediately. Contact with combustible material may cause fire. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Apply extinguishing media carefully to avoid creating airborne dust.  
Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard. Greatly increases the burning rate of combustible materials. Containers may explode when heated. During fire, gases hazardous to health may be formed.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.  
Use standard firefighting procedures and consider the hazards of other involved materials. May form combustible dust concentrations in air.  
May intensify fire; oxidizer. Contact with combustible material may cause fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Use only non-sparking tools. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

#### 6.1.2. For emergency responders

Protective equipment : Keep away from clothing and other combustible materials. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### 6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  
  
Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Other information

: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Ventilate the contaminated area. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Minimize dust generation and accumulation. Wear appropriate protective equipment and clothing during clean-up. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Never return spills to original containers for re-use.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling

: Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Explosion-proof general and local exhaust ventilation. Keep away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles.

Hygiene measures

: Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Avoid exposure to water and contaminated air, otherwise the media is rendered useless. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store locked up. Keep away from heat. Store in a cool, dry place out of direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store near combustible materials. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |         |          |                      |
|-------------------------------------------------------------------|---------|----------|----------------------|
| Components                                                        | Type    | Value    |                      |
| Potassium Permanganate (CAS 7722-64-7)                            | Ceiling | 5 mg/m3  |                      |
| US. OSHA Table Z-3 (29 CFR 1910.1000)                             |         |          |                      |
| Components                                                        | Type    | Value    | Form                 |
| Activated carbon (CAS 7440-44-0)                                  | TWA     | 5 mg/m3  | Respirable fraction. |
|                                                                   |         | 15 mg/m3 | Total dust           |
| US. ACGIH Threshold Limit Values                                  |         |          |                      |

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

| Components                                  | Type        | Value                   | Form                                        |
|---------------------------------------------|-------------|-------------------------|---------------------------------------------|
| Activated carbon (CAS 7440-44-0)            | TWA         | 2 mg/m3                 | Respirable fraction.                        |
| Potassium permanganate (CAS 7722-64-7)      | TWA         | 0.1 mg/m3<br>0.02 mg/m3 | Inhalable fraction.<br>Respirable fraction. |
| US. NIOSH: Pocket Guide to Chemical Hazards |             |                         |                                             |
| Components                                  | Type        | Value                   | Form                                        |
| Activated carbon (CAS 7440-44-0)            | TWA         | 2.5 mg/m3               | Respirable.                                 |
| US. NIOSH: Pocket Guide to Chemical Hazards |             |                         |                                             |
| Components                                  | Type        | Value                   | Form                                        |
| Potassium permanganate (CAS 7722-64-7)      | STEL<br>TWA | 3 mg/m3<br>1 mg/m3      | Fume.<br>Fume.                              |

### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Ventilate as needed to control airborne dust. Use explosion-proof ventilation equipment if airborne dust levels are high. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Environmental exposure controls

: No biological exposure limits noted for the ingredient(s).

### 8.3. Individual protection measures/Personal protective equipment

|                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hand protection:</b>                                                                                                                                                                                                                                             |
| Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Frequent change is advisable.                                                                                                                                 |
| <b>Eye protection:</b>                                                                                                                                                                                                                                              |
| Wear safety glasses with side shields (or goggles) and a face shield. Use tight fitting goggles if dust is generated.                                                                                                                                               |
| <b>Skin and body protection:</b>                                                                                                                                                                                                                                    |
| Wear appropriate chemical resistant clothing. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |
| <b>Respiratory protection:</b>                                                                                                                                                                                                                                      |
| If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.                 |

Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid Granules  
Color : Purple  
Odor : Odorless

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

|                                                 |                                     |
|-------------------------------------------------|-------------------------------------|
| Odor threshold                                  | : No data available                 |
| pH                                              | : No data available                 |
| Melting point                                   | : No data available                 |
| Freezing point                                  | : No data available                 |
| Boiling point                                   | : No data available                 |
| Flash point                                     | : No data available                 |
| Relative evaporation rate (butyl acetate=1)     | : No data available                 |
| Flammability                                    | : Oxidizer (Solid, Gas)             |
| Vapor pressure                                  | : No data available                 |
| Relative vapor density at 20°C                  | : No data available                 |
| Relative density                                | : 0.7                               |
| Solubility                                      | : KMnO4 - Yes, Molecular Sieve - No |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                 |
| Auto-ignition temperature                       | : No data available                 |
| Decomposition temperature                       | : No data available                 |
| Viscosity, kinematic                            | : No data available                 |
| Viscosity, dynamic                              | : No data available                 |
| Explosion limits                                | : No data available                 |
| Density                                         | : 44.00 – 46.00 lb/ft <sup>3</sup>  |
| Explosive properties                            | : Not Explosive                     |
| Oxidizing properties                            | : May intensify fire; oxidizer.     |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Greatly increases the burning rate of combustible materials.

### 10.2. Chemical stability

Material is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Contact with combustible material may cause fire.

### 10.4. Conditions to avoid

Keep away from heat, sparks and open flame. Contact with incompatible materials. Minimize dust generation and accumulation. High humidity.

### 10.5. Incompatible materials

Combustible material. Reducing agents. Halogenated compounds. Water, moisture.

### 10.6. Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Acute toxicity (oral)       | : Causes digestive tract burns.                                                        |
| Acute toxicity (dermal)     | : Causes severe skin burns.                                                            |
| Acute toxicity (inhalation) | : May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| Acute toxicity (eye)        | : Causes serious eye damage                                                            |

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

| Components                                | Species | Test Results |
|-------------------------------------------|---------|--------------|
| <b>Activated Carbon (7440-44-0)</b>       |         |              |
| Acute, Oral, LD50                         | Rat     | >10000 mg/kg |
| <b>Potassium Permanganate (7722-64-7)</b> |         |              |
| Acute, Oral, LD50                         | Rat     | 50 mg/kg     |

|                                   |                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Skin corrosion/irritation         | : Causes severe skin burns.                                                                                        |
| Serious eye damage/irritation     | : Causes serious eye damage.                                                                                       |
| Respiratory or skin sensitization | : Not a respiratory sensitizer                                                                                     |
| Germ cell mutagenicity            | : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity                   | : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |
| Reproductive toxicity             | : This product is not expected to cause reproductive or developmental effects                                      |
| STOT-single exposure              | : May cause respiratory irritation.                                                                                |
| STOT-repeated exposure            | : Not classified.                                                                                                  |
| Aspiration hazard                 | : Not an aspiration hazard.                                                                                        |
| Viscosity, kinematic              | : No data available                                                                                                |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No data is available on the degradability of this product.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

### 14.1. UN number

UN1490

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Potassium Permanganate  
Proper Shipping Name (IMDG) : Potassium Permanganate  
Proper Shipping Name (IATA) : Potassium Permanganate

### 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT) : 5.1

#### IMDG

Transport hazard class(es) (IMDG) : 5.1

#### IATA

Transport hazard class(es) (IATA) : 5.1

### 14.4. Packing group

Packing group (DOT) : II  
Packing group (IMDG) : II  
Packing group (IATA) : II

### 14.5. Environmental hazards

Other information : IATA – Yes  
IMDG - Yes

### 14.6. Special precautions for user

#### DOT

Read safety instructions, SDS and emergency procedures before handling.

#### IMDG

Read safety instructions, SDS and emergency procedures before handling.

#### IATA

Read safety instructions, SDS and emergency procedures before handling.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

|                                                                       |                                                                                                                       |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>  |                                                                                                                       |
| Not regulated.                                                        |                                                                                                                       |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |                                                                                                                       |
| Not listed.                                                           |                                                                                                                       |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                 |                                                                                                                       |
| Not listed.                                                           |                                                                                                                       |
| <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>    |                                                                                                                       |
| Hazard Categories                                                     | Immediate Hazard - Yes<br>Delayed Hazard - No<br>Fire Hazard - Yes<br>Pressure Hazard - No<br>Reactivity Hazard - Yes |
| <b>SARA 302 Extremely hazardous substance</b>                         |                                                                                                                       |
| Not listed.                                                           |                                                                                                                       |

# Filter, Activated Carbon & Potassium Permanganate

## Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

|                                       |            |          |
|---------------------------------------|------------|----------|
| SARA 311/312 Hazardous chemical - Yes |            |          |
| SARA 313 (TRI reporting)              |            |          |
| Chemical name                         | CAS number | % by wt. |
| Potassium permanganate                | 7722-64-7  | 6-8      |

### 15.2. International regulations

| Country(s) or region        | Inventory name                                                         | On inventory (Yes/No)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 15.3. US State regulations

#### US. Massachusetts RTK - Substance List

Potassium permanganate (CAS 7722-64-7)

#### US. New Jersey Worker and Community Right-to-Know Act

Activated carbon (CAS 7440-44-0)

Potassium permanganate (CAS 7722-64-7)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Potassium permanganate (CAS 7722-64-7)

#### US. Rhode Island RTK

Not regulated.

#### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## SECTION 16: Other information

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Sakura Finetek USA Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available