



## SAFETY DATA SHEET

U.S. Department of Labor  
Occupational Safety & Health Administration

# Buildkote

## SECTION 1 - IDENTIFICATION

MANUFACTURER: Andek Corporation  
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057  
TELEPHONE: 1-856-786-6900  
In an emergency, contact CHEMTREC 1-800- 424-9300;  
Outside the United States call +1-703-527-3887  
PRODUCT IDENTIFIER: Buildkote  
RECOMMENDED USE: Maintenance and Repair Sealer

## SECTION 2 – HAZARD IDENTIFICATION

HAZARD CLASSIFICATION (EFFECTS OF EXPOSURE):

**Skin:** Irritant (Moderate)

**Eyes:** Reversible

**Inhalation:** Low to moderate sensitivity.

**Ingestion:** Do Not ingest.

**SIGNAL WORD:** Warning

### HAZARD STATEMENTS:

- Combustible liquid.
- May be harmful if swallowed.
- May be harmful in contact with skin.
- Causes mild skin irritation.
- Causes eye irritation and may cause conjunctivitis.
- Harmful if inhaled.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.

### PICTOGRAMS:



### PRECAUTIONARY STATEMENTS:

#### **Prevention:**

- Do Not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- Do Not spray on an open flame or other ignition source.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/light/equipment.
- Take precautionary measures against static discharge.
- Do Not breathe mist or spray.
- Do Not get in eyes, on skin, or on clothing.
- Wash thoroughly after handling.
- Do Not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- **Skin:** Rinse skin with water/shower. Wash contaminated clothing before reuse.
- **Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- **Inhalation:** Remove person to fresh air and keep comfortable for breathing.
- **Ingestion:** Rinse mouth. **Do Not** induce vomiting. Get medical advice/attention.

**Storage:**

- Store in a closed container.
- Store in a dry place.
- Store at temperatures not exceeding (90°F).

**Disposal:**

- Waste disposal should be in accordance with existing federal, state and local environmental control laws.
- Incineration is the preferred method.

### **SECTION 3 – COMPOSITION**

CHEMICAL NAME	CAS #	APPROX %
Gilsonite	12002-43-6	35.0
Asphalt	8052-42-4	45.0
Stoddard solvent	8052-41-3	20.0

### **SECTION 4 – FIRST AID MEASURES**

**Skin:**

- Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Thoroughly wash clothing, shoes and protective equipment before reuse or discard.
- Get medical attention if irritation develops or persists.

**Eyes:**

- Immediately flush eyes with plenty of water for at least 30 minutes, while holding eyelids apart.
- **Do Not** allow contaminated water to contact the unaffected eye or face during irrigation of an affected eye.
- Obtain medical attention immediately.

**Inhalation:**

- Remove to fresh air.
- If breathing is difficult, give oxygen.
- If unconscious, evaluate the need for artificial respiration.
- Get immediate medical attention.

**Ingestion:**

- **Do Not** induce vomiting.
- If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.
- Get medical attention.
- If the heart has stopped or breathing has stopped, trained personnel should begin cardiopulmonary resuscitation or artificial respiration immediately.

### **SECTION 5 – FIRE-FIGHTING MEASURES**

**Flash point:** 42.22 °C, 108 °F

Method: Setaflash Closed Cup

**OSHA Flammability Classification:** Combustible Liquid

**Suitable extinguishing media:** Use water spray or fog, foam, dry chemical or CO<sup>2</sup>.

**Specific hazards during fire fighting:**

- Combustible liquid.
- Vapors can travel to a source of ignition and flash back.
- Explosive mixtures may occur at temperatures at or above the flashpoint.

**Further information:**

- As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Containers can build up pressure if exposed to heat (fire). Cool with water spray.

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

### **Additional advice:**

- Absorb spill with inert material, then place in a chemical waste container.
- After removal, flush contaminated area with water and collect for disposal.
- Clean up spills immediately.
- Remove sources of ignition and ventilate area.
- Use a respirator and other protective equipment as outlined in Section 8.
- Obey relevant local, state, provincial and federal laws and regulations.
- **Do Not** contaminate any lakes, streams, ponds, groundwater or soil.

## **SECTION 7 – HANDLING & STORAGE**

### **Precautions for safe handling: Handling:**

- Keep away from heat.
- Keep away from sparks, flames and other sources of ignition.
- Avoid contact with eyes, skin and clothing.
- Avoid breathing vapor or mist.
- Use with adequate ventilation.
- The need for grounding and bonding of containers in accordance with OSHA 29 CFR 1910.106 and NFPA 77 should be assessed for all product transfers.
- Follow all SDS/label precautions even after the container is emptied because it may retain product residues.
- Wash thoroughly after handling.

### **Recommendations on the conditions for safe storage:**

- Keep in a dry, cool place.
- Keep container closed when not in use.
- Residual vapors might explode on ignition; do not apply heat, cut, drill, grind or weld on or near this container.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Exposure limits:

CHEMICAL NAME	PEL	TLV
Stoddard solvent	100 ppm (TWA)	100 ppm (ACGIH)

**Engineering controls:** Use explosion-proof ventilation equipment.

### **Individual protection measures:**

**Inhalation protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**Eye protection:** Chemical resistant goggles must be worn.

**Skin and body protections:** A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

**Other hygienic practices and protective equipment:** Use impermeable gloves.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Highly viscous Newtonian liquid

**Physical state:** Liquid

**Color:** Black

**Odor:** Petroleum

**Odor threshold:** None established.

**pH:** None established

**Melting point/freezing point:** None established.

**Initial boiling point and boiling range:** 300°F to 390°F

**Flash point:** 104°F

**Evaporation rate:** 0.2 (Butyl Acetate =1)

**Flammability (solid, gas):** Flammable

**Upper/lower flammability or explosive limits:** 5.7% / 0.8% (by volume)

**Vapor pressure:** 0.8 kPa(6mmHg) at 20°C (68°F)

**Vapor density:** 4 (air = 1)  
**Relative density:** 0.91 kg/l  
**Solubility:** Insoluble in water  
**Partition coefficient: n-octanol/water:** None established.  
**Auto-ignition temperature:** 471°C  
**Decomposition temperature:** None established.  
**Viscosity:** 60,000 centipoises at 20°C

## **SECTION 10 – STABILITY AND REACTIVITY**

**Incompatibility (materials to avoid):** Oxidizing substances

**Conditions to avoid:** High temperatures and sources of ignition.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

Likely routes of exposure:

Oral: Small amounts of this product aspirated into the respiratory system may cause pulmonary injury.

Inhalation: May cause irritation, headache, nausea and vomiting.

Dermal: Prolonged or repeated contact may cause dermatitis.

Numerical measures of toxicity:

CHEMICAL NAME	Oral LD50 (Rat)	Dermal LD50 (Rabbit)	Inhalation LC50 (Rat)
Stoddard solvent	>5000 mg/kg	>3000 mg/kg	>5500 mg/m <sup>3</sup> /4h

Chemical listed in NTP or IARC? Not listed

## **SECTION 12 – ECOLOGICAL INFORMATION**

Data from toxicity test (aquatic and/or terrestrial organism where available): 5 columns

CHEMICAL NAME	Fish - LC50	Crustacea (Aquatic Invertebrates) EC50
Hydrocarbon Solvent	7.72 mg/l (Pimephales promelas) 96 h	6.14 mg/l (Daphnia magna) 48 h

### **Biodegradation:**

Not readily biodegradable.

### **Bioaccumulation potential:**

Accumulation in organisms is not to be expected.

### **Mobility in soil:**

Absorption into solid soil phase is expected.

### **Other adverse effects:**

**Do Not** allow to enter soil, waterways or waste water channels.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

### **Waste Disposal Method**

Waste disposal should be in accordance with existing federal, state and local environmental control laws. Incineration is the preferred method.

### **Empty Container Precautions**

Empty containers retain product residue; observe all precautions for product. **Do Not** heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed. **Do Not** reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed prior to disposal.

## **SECTION 14 – TRANSPORT INFORMATION**

UN #	1263
UN PROPER SHIPPING NAME:	Paint
HAZARD CLASS:	3
PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	N/A
GUIDANCE ON TRANSPORT IN BULK:	N/A

**Transport labels required:** Flammable liquid. (In the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.)

## **SECTION 15 – REGULATORY INFORMATION**

### **US Federal Regulation:**

#### **SARA 313:**

CHEMICAL NAME	CAS #
1,2,4 - Trimethylbenzene	95-63-6

### **US State Right to Know Regulations:** New Jersey, Massachusetts, Pennsylvania, Rhode Island

CHEMICAL NAME	CAS #
1,2,4 - Trimethylbenzene	95-63-6

### **CA Prop 65**

CHEMICAL NAME	CAS #
1,2,4 - Trimethylbenzene	95-63-6

## **SECTION 16 – OTHER INFORMATION (HMIS RATING)**

Health	2
Flammability	2
Physical Hazard	1
Personal Protection	H

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