



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

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>APPROX %</u>
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 CO².

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 ³ /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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