

# MATERIAL SAFETY DATA SHEET

Approved by US Department of Labor "Essentially Similar" to Form OSHA 20)

## SECTION I

**Manufacturers Name:** Tek Stil Concepts, Inc.,  
**Street Address:** P.O.Box 67  
**City, State, Zip Code:** Haddonfield NJ 08033 USA  
**Emergency Telephone Number:** 1-856-428-4464

**Product Name:** Adhesive ESD-106 (Conductive Flooring Adhesive)  
**Product Class:** Water Based Acrylic Dispersion Adhesive

## SECTION II -- HAZARDOUS INGREDIENTS

Ingredients	CAS #	Percent	Occupational Exposure Limit		Vapor Pressure mmHg
			TVL	PEL	
no hazardous substances in formula					

\*Substances subject to reporting requirement of Section 313 Title III of the 1986 Superfund Reauthorization Act and 40 CFR Part 372

## SECTION III -- PHYSICAL DATA

**Boiling Point:** 212°F  
**Vapor Density:** Heavier X Lighter \_\_\_ than air  
**Evaporation Rate:** Faster than ether \_\_\_\_\_ Slower than ether X  
**Specific Gravity (water = 1):** 1.05  
**Solubility in Water:** Dispersible  
**Appearance and Odor:** ESD-106 is a viscous gray paste with slight ammonia odor  
**% Volatile by Volume:** 42-78%

## SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

**Flammability Classification:** OSHA CLASS IIIB DOT None  
**Extinguishing Media:** Foam X Alcohol Foam X Dry Chemical X Water Fog X other: \_\_\_\_\_  
**Special Fire Fighting Procedures:** Water may be useful in keeping fire exposed containers cool.  
**Unusual Fire / Explosion Hazards:** Closed Containers exposed to extreme heat may rupture due to pressure.

## SECTION V -- HEALTH HAZARD DATA

### Effects of Overexposure

#### Acute:

Irritation to eyes, upper respiratory tract. Skin sensitization and dermatitis in sensitive persons.

#### Chronic:

Skin sensitization and dermatitis in sensitive persons.

#### Medical Condition Prone to Aggravation by Exposure:

None known

#### Hazardous Chemicals Listed

as Carcinogens or Potential Carcinogens: YES \_\_\_ IARC YES \_\_\_ OSHA YES \_\_\_

National Toxicology Program: NO X Monographs: NO X

Primary Route(s) of Entry: X Dermal X Inhalation \_\_\_ Ingestion

#### Emergency and First Aid Procedures

##### 1. Eye Contact:

Flush 15 minutes with a gentle stream of water. Seek medical attention if irritation of redness persists.

##### 2. Skin Contact:

Remove contaminated clothing. Wash skin with soap and water

##### 3. Inhalation:

No first aid is normally required. However, seek medical advice if any unusual symptoms develop.

##### 4. Ingestion:

Drink one or two glasses of water to dilute. **DO NOT** induce vomiting. Seek medical attention immediately.

## SECTION VI -- REACTIVITY DATA

#### Stability:

\_\_\_ Unstable X Stable

#### Hazardous Polymerization:

\_\_\_ May Occur X Will Not Occur

#### Incompatibility: (materials to avoid)

Strong oxidizing agents. Strong reducing agents.

#### Hazardous Decomposition Products:

By fire: CO<sub>2</sub>, CO

#### Conditions to Avoid:

Excessive heat or cold

## SECTION VII -- SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Released Or Spilled

Flush spilled material into suitable retaining areas or containers with water. Small amount may be absorbed onto sand or diatomaceous earth and containerized. Prevent liquid from entering sewers, storm drains or other unauthorized treatment drainage systems or natural waterways.

#### Waste Disposal Method

Follow practice for disposal in accordance with Federal, State and Local regulations.

## SECTION VIII -- SPECIAL PROTECTION INFORMATION

**Respirator Protection:**

Not normally required if used with adequate ventilation. Use of NIOSH approved respirator or air supplied equipment is recommended if vapor concentrations exceed TLV of hazardous ingredients.

**Ventilation:**

General mechanical exhaust ventilation is recommended in confined areas.

**Protective Gloves:**

Rubber gloves are recommended to prevent skin contact and possible subsequent irritation.

**Eye Protection**

Chemical safety goggles are recommended to safeguard against potential eye contact, irritation, or injury.

**Other Protective Equipment:** Provide eye bath and safety shower

**Hygienic Practices:**

Prudent hygienic practices, such as washing after handling, are always recommended. Wash saturated clothing before re-use.

## SECTION IX -- SPECIAL PRECAUTIONS

**Precautions To Be Taken For Handling And Storing:**

Store in dry areas above 40 °F and below 80°F, and away from sources of ignition. Keep containers closed when not in use.

**Other Precautions:**

Keep out of the reach of children! For industrial use only! Use with adequate ventilation! Harmful if swallowed! Avoid contact with eyes and skin! Do not allow to freeze!

## SECTION X -- EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372.

CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
n/a	none	0