



# SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
<b>PRODUCT NAME:</b> Tieg's™ Black		<b>DATE:</b> June 1, 2012			
<b>PRODUCT NUMBER:</b> A-2415W					
<b>TRADE NAME:</b> Tieg's™ Black <b>GENERAL USE:</b> Adhesive tape printing. <b>CHEMICAL FAMILY:</b> Mixed organics. <b>PRODUCT DESCRIPTION:</b> Black, odorless liquid.					
<b>MANUFACTURER</b> Arrowhead Forensics		DATE PREPARED: June 1, 2012			
ADDRESS (NUMBER, STREET, P.O. BOX) 11030 Strang Line Road		TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-953-3274			
(CITY, STATE AND ZIP CODE) Lenexa, KS 66215		COUNTRY USA		<b>CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER</b>  1-800-255-3924      01-813-248-0585 North America Toll Free      International	
SECTION 2 - HAZARDS IDENTIFICATION					
EMERGENCY OVERVIEW <b>Non-flammable substance. May be harmful if ingested.</b>					
<b>POTENTIAL HEALTH EFFECTS</b>					
INHALATION: If aerosol or mists are formed, if necessary, see that there is fresh air.					
SKIN: May cause irritation and staining.					
EYES: Probable irritation.					
INGESTION: Can be harmful. Do not take internally.					
CARCINOGENICITY: NTP? <b>NO</b> IARC MONOGRAPHS? <b>NO</b> OSHA REGULATED? <b>NO</b> CALIFORNIA, Prop.65? <b>NO</b>					
SECTION 3 - HAZARDOUS INGREDIENTS					
Hazardous Components	%(by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
<b>No hazardous materials under OSHA CFR 1910.1200 and SARA Title III.</b>					
Notes:					
SECTION 4 - FIRST AID MEASURES					
INHALATION: Remove victim to fresh air. Seek medical attention for severe respiratory distress.					
EYES: Flush with water for 15 minutes occasionally lifting the eyelids. Seek medical advice.					
SKIN: Wash with soap and water.					
INGESTION: Rinse mouth with water. Do not induce vomiting. Get medical attention.					
SECTION 5 - FIRE FIGHTING MEASURES					
GENERAL HAZARDS: Unknown flammability. High heat could result in combustion.					
EXTINGUISHING MEDIA: Choose media to fight surrounding fire.					
FIRE FIGHTING PROCEDURES: Emergency responders should wear bunker gear and NIOSH or European EN-149 organic vapor respirators avoid exposure to decomposition products (29CFR 1910.156). Proper eye and skin protection should also be used.					
UNUSUAL FIRE AND EXPLOSION HAZARDS: None					
HAZARDOUS COMBUSTION PRODUCTS: Combustion produces major amounts of Carbon Monoxide, Carbon Dioxide, Nitrogen oxides, and Smoke.					
SECTION 6 - ACCIDENTAL RELEASE MEASURES					
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up small spills with paper towel and discard. Larger spills may require adding chalk or sawdust and discarding mixture.					
SECTION 7 - HANDLING AND STORAGE					
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120°F. Store in sealed containers.					

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	PEL mg/m3
<b>Notes: Contains no hazardous ingredients as defined by OSHA 29 CFR 1910.1200</b>								

## PERSONAL PROTECTION

**RESPIRATORY PROTECTION:**  
Not generally required. Mist protection may be needed in cases of confined spaces.

**PROTECTIVE GLOVES:**  
Avoid contact with product; wear protective gloves.

**EYE PROTECTION:**  
If a splash hazard exists, the use of safety glasses is recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**  
Eye wash station in the event of eye contact with material.

**WORK / HYGIENIC PRACTICES:**  
Use good housekeeping practices. Do not eat, drink or smoke while using product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR <b>Black, odorless liquid.</b>	VAPOR PRESSURE <b>NE</b>
pH <b>NA</b>	SPECIFIC GRAVITY (WATER = 1) <b>1.2</b>
MELTING POINT <b>NE</b>	SOLUBILITY IN WATER <b>Miscible.</b>
FLASH POINT <b>NE</b>	VISCOSITY <b>NA</b>
FLAMMABLE LIMITS LEL: <b>NE</b> UEL: <b>NE</b>	VAPOR DENSITY (AIR = 1) <b>NE</b>
AUTO-IGNITION TEMPERATURE <b>NE</b>	EVAPORATION RATE (WATER = 1) <b>NE</b>

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY	STABLE <b>X</b>	CONDITIONS TO AVOID: <b>Excessive heat.</b>
INCOMPATIBILITY (MATERIALS TO AVOID): <b>Strong oxidizers such as chlorates, bromates, and nitrates.</b>		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: <b>Major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, and Soot.</b>		
HAZARDOUS POLYMERIZATION: <b>Will not occur.</b>		CONDITIONS TO AVOID: <b>None related to polymerization.</b>

## SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
<b>Notes: Contains no hazardous ingredients as defined by OSHA 29 CFR 1910.1200</b>			

## SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available for this product.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**  
Dispose of product waste as well as containers in accordance with all local, state and federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: None			
DOT HAZARD CLASS / Pack Group:	None	IATA HAZARD CLASS / Pack Group:	None
REFERENCE:		IMDG HAZARD CLASS:	None
UN / NA IDENTIFICATION NUMBER:	None	RID/ADR Dangerous Goods Code:	None
LABEL:	None	UN TDG Class / Pack Group:	None
HAZARD SYMBOLS:	None	Hazard Identification Number (HIN):	None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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<b>SECTION 15 - REGULATORY INFORMATION</b>			
TSCA (USA - Toxic Substance Control Act):		No	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):		No	
Acute Health: NO		Chronic Health: NO	
Fire: NO		Sudden Release of Pressure: NO	
Reactive: NO			
<b>313 REPORTABLE INGREDIENTS:</b>		No	
CERCLA (USA - Comprehensive Response Compensation and Liability Act):		Not listed.	
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:		Not listed.	
CPR (Canadian Controlled Products Regulations):		Not listed	
IDL (Canadian Ingredient Disclosure List):		Listed.	
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):		Components listed on DSL.	
EINECS (European Inventory of Existing Commercial Chemical Substances):		Referenced.	
WGK Water Quality Index:		1	
RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:	
None	None	None	
<b>SECTION 16 - OTHER INFORMATION</b>			
<b>Legend:</b> NA= Not applicable, NE= Not established, ND= Not determined.			
HMIS HAZARD RATINGS	HEALTH:	<b>1</b>	0 = INSIGNIFICANT
	FLAMMABILITY:	<b>0</b>	1 = SLIGHT
	PHYSICAL HAZARD:	<b>0</b>	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	<b>B</b>	3 = HIGH
			4 = EXTREME
<p>The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.</p>			