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**SAFETY DATA SHEET**

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**Section 1, IDENTIFICATION**

**COMPANY INFORMATION:** Envirolights Mfg. Inc.      **PRODUCT IDENTIFIER:** UV Stable Pressure Sensitive Adhesive Traps for INSECTS  
630 Welham Road  
Barrie, Ontario  
Canada, L4N 8Z8  
905-738-0357  
**EMERGENCY TELEPHONE:**905-738-0357

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**Section 2, HAZARD IDENTIFICATION****EMERGENCY OVERVIEW****PHYSICAL STATE:** Solid**COLOR:** Clear**ODOR:** Negligible**GHS Classification**

Not hazardous

**GHS Label element**

Not hazardous

**POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY****EYE:** May cause irritation with temporary redness and stinging and tearing**SKIN:** Skin contact at room temperature is not irritating.**INHALATION:** No hazard in normal industrial use.**INGESTION:** Ingestion is not an anticipated route of exposure, but could cause irritation of upper respiratory system and gastrointestinal disturbance.**LONG-TERM (CHRONIC) HEALTH EFFECTS****TARGET ORGAN(S):** No organs known to be damaged from exposure to this product.**REGULATED CARCINOGEN STATUS:** This product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.**EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE:** No medical conditions affected by exposure.

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**Section 3, COMPOSITION/INFORMATION ON INGREDIENTS****GENERIC DESCRIPTION:** Styrenic Copolymer Based Formulation**INGREDIENTS:**

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

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**Section 4, FIRST AID MEASURES****IF IN EYES:** Irritant as a foreign body. Immediately flush eyes with large amounts of water for at least 15 minutes. Do not attempt to remove material. Get immediate medical attention.**IF ON SKIN:** Wash with soap and water. If needed, coat with mineral oil to soften material for removal.**IF SWALLOWED:** Do not induce vomiting. Small amounts are not anticipated to be harmful. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

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**Section 5, FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA:** water spray, foam, dry chemical or carbon dioxide**AUTOIGNITION TEMPERATURE:** No Data**FLASH POINT:** >400°F**UPPER EXPLOSION LIMITS (%):** Unknown**LOWER EXPLOSION LIMITS (%):** Unknown**NFPA FLAMMABILITY HAZARD CLASS:** N/A**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Do not use water on molten adhesive to avoid splattering and spreading of fire**HAZARDOUS COMBUSTION PRODUCTS:** Upon decomposition,

**FIRE AND EXPLOSION HAZARD:** This product will not ignite under normal situations but can be ignited in the extreme heat associated with a fire. Vapors are lighter than air and should rise, accumulating in overhangs and ceilings. Irritating and potentially harmful vapors may be released in a fire situation.

this product emits carbon monoxide, carbon dioxide, and/or low molecular weight hydrocarbons.

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### Section 6, ACCIDENTAL RELEASE MEASURES

**SPECIAL PROTECTION:** No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.

**CLEAN-UP:** Allow molten material to solidify before disposal.

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### Section 7, HANDLING AND STORAGE

Store in a cool, dry place. Waste disposal should be in accordance with existing federal, state, and local environmental regulations. Dispose of waste material in sanitary landfill or incinerate in an industrial, commercial or municipal incinerator.

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### Section 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYE PROTECTION:** None Needed

**SKIN PROTECTION:** Not normally required. Wear protective gloves to prevent prolonged or repeated contact.

**GLOVES:** Not normally required. Use protective gloves if conditions warrant.

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### Section 9, PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** Negligible

**PH AS IS:** Not established

**FLASH POINT:** > 204.4° C (400° F)

**BOILING POINT:** No Data

**MELTING POINT:** No Data

**FREEZING POINT:** No Data

**EVAPORATION RATE:** N/A

**SOLUBILITY IN WATER:** Insoluble in water

**COLOR:** Clear

**ODOR THRESHOLD:** Not established

**SPECIFIC GRAVITY:** 0.92 g/cc

**VOLATILES:** Nil

**PERCENT VOLATILE:** No Data

**VAPOR PRESSURE (MM HG):** No Data

**VAPOR DENSITY:** Heavier than Air

**VOLATILE ORGANIC COMPOUNDS:** Not Determined

**SHELF LIFE:** 1 Year In Original Packaging

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### Section 10, STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions. This product may react with strong acids, bases and oxidizing agents.

**INCOMPATIBILITIES:** None known.

**NFPA REACTIVITY HAZARD CLASS:** 0

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide

**HAZARDOUS POLYMERIZATION:** Will not occur.

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### Section 11, TOXICOLOGICAL INFORMATION

**ORAL LD50, SPECIES TESTED:** No data

**DERMAL LD50, SPECIES TESTED:** No data

**TOXICOLOGY SUMMARY:** No additional information available

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### Section 12, ECOLOGICAL INFORMATION

No ecological information available for this product

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### Section 13, DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

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**Section 14, TRANSPORT INFORMATION**

Not hazardous for transportation

**DOT:** NOT REGULATED

**IATA:** NOT REGULATED

**IMDG:** NOT REGULATED

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**Section 15, REGULATORY INFORMATION**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

**FEDERAL REPORTING****EPA SARA Title III Section 313**

This product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372

**WHMIS STATUS:** This product is not controlled under the Canadian Workplace Hazardous Materials Information System.

**STATE REPORTING**

**Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:** This product does not contain known levels of any chemical known to the State of California to cause cancer or reproductive harm.

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**Section 16, OTHER INFORMATION**

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

**HMIS RATING:** HEALTH -- 1 FLAMMABILITY -- 1 REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

**EPA Est. # 59072-NJ-001**

The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

Current Version 13/10/23

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (modified by Regulation (EU) No. 453/2010)

1. Identification of the substance/preparation/manufacture					
<b>SDS</b>	Black light lamps				
<b>Supplier</b>	Envirolights Mfg. Inc. 630 Welham Road Barrie, Ontario, Canada L4N 8Z8				
<b>Tradename</b>	SPEK Lighting / Envirolights				
<b>General description</b>	LAMP				
<b>Use</b>	Fly attracting				
<b>Publication date</b>	13.10.2023				
<b>General information</b>					
<b>Emergency phone number</b>	905-738-0357				
2. Hazard identification					
Not applicable to intact lamp. Lamp may crack when falling to the ground.					
3. Composition/information on ingredients					
If the lamps are broken, the following materials may be released:					
Component	% by weight	CAS No.	EC No.	EC Classification	
Glass	>90				
Strontium borate, europium-doped	<2	102110-29-2	310-028-8		
Krypton	<0,1	7439-90-9	231-098-5	GHS04	H280 OSHA-H01
Argon	<0,1	7440-37-1	231-147-0	GHS04	H280 OSHA-H01
Mercury	<0,1	7439-97-6	231-106-7	Repr. 1B	H360D
				GHS06	H330
				GHS08	H372
				GHS09	H410
Tungsten	<0,1	7440-33-7	231-143-9		
Metals	<2				
Capping cement	<2				
4. First-aid measures					
<b>Skin</b>	Apply normal first aid for glass cuts if such occur through lamp breakage				
<b>Ingestion</b>	In the unlikely event of ingestion of a large quantity of material, seek medical attention				
<b>Inhalation</b>	If discomfort, irritation or symptoms of pulmonary involvement develop, remove from exposure and seek medical attention				
<b>Eyes</b>	Wash eyes, including under eyelids, immediately with copious amounts of water for 15 minutes				
<b>Remarks first aid</b>	None				
5. Firefighting measures					
<b>Fire-extinguisher</b>	Use extinguishing agents suitable for surrounding fire				
<b>Hazardous decomposition products in fire</b>	silicon dioxide, aluminum oxides, mercury oxides, strontium oxide, boric oxides, europium oxides, metal oxide, tungsten oxides				
6. Accidental release measures					
<b>Spillage procedure</b> <b>Emergency procedure</b>	Not applicable if lamp is in original state. If lamps are broken: ventilate area where breakage occurred. Clear up using special mercury vacuum cleaner or other appropriate agent for preventing vaporization. Take standard measures for clearing up broken glass and deposit in a lockable container.				
	not applicable				
7. Handling and storage					
<b>Local exhausting</b>	Under normal circumstances not applicable				
<b>Storage conditions</b>	No special precautions				
<b>Storage code</b>	none				

<b>8. Exposure controls/personal protection</b>			
<b>Exposure limits :</b>			
<b>applicable to: Netherlands (20 oC; 1013 mbar)</b>			
Glass		No MAC(STEL) has been laid down	
Strontium borate, europium-doped		No MAC(STEL) has been laid down	
Krypton/Argon		No MAC(STEL) has been laid down	
Mercury		TLV:	0.02 mg/m3 (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5.8 mg/m3 (as inhalable dust)
Metals		No MAC(STEL) has been laid down	
Capping cement		No MAC(STEL) has been laid down	
<b>applicable to: Belgium (20 oC; 1013 mbar)</b>			
Mercury	S	TLV:	0.025 mg/m3 S (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5 mg/m3
Tungsten		STEL:	10 mg/m3
<b>applicable to: Germany (20 oC; 1013 mbar)</b>			
Mercury	S	TLV:	0.1 mg/m3 (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5 mg/m3 (as inhalable dust)
<b>applicable to: USA (25 oC; 1013 mbar)</b>			
Krypton/Argon		No MAC(STEL) has been laid down	
Mercury	S	TLV:	0.025 mg/m3 (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5 mg/m3
Tungsten		STEL:	10 mg/m3
C=Ceiling; S=Skin			
<b>Remarks exposure limits</b>	none		
<b>Odor threshold (20oC; 1013 mbar)</b>	not traceable		
<b>Advised personal protection</b>			
<b>skin</b>	not applicable		
<b>eyes</b>	not applicable		
<b>inhalation</b>	not applicable		
<b>Instructions regarding broken lamps</b>			
These instructions only apply to broken lamps			
<b>Ventilation</b>	Use both general and local exhaust ventilation to maintain exposure levels below the Long or Short terms limits. If such ventilation is not available us the respirators as specified below.		
<b>Respiratory protection</b>	European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.		
<b>Eye protection</b>	The use of safety glasses, goggles or face shields is recommended for handling broken lamps, as described in European Standard EN 166.		
<b>Protective clothing</b>	Wear appropriate protective clothing to prevent skin exposure.		
<b>Hygiene</b>	After handling broken lamps wash thoroughly before eating, handling tobacco products, applying cosmetics or using toilet facilities.		

<b>9. Physical and chemical properties</b>			
<b>Physical state</b>	article		
<b>Color</b>	type dependent		
<b>Odor</b>	odorless		
<b>Vapor rate/range</b>	not applicable		
<b>Boiling point/range</b>	not traceable		
<b>Melting point/range</b>	> 480 oC		
<b>Flash point/range</b>	not applicable		
<b>Explosive limits</b>	not applicable		
<b>Dust explosions possible in air</b>	not applicable		
<b>Density</b>	not traceable		
<b>Vapor pressure</b>	not applicable		
<b>Solubility in water</b>	not applicable		
<b>Solubility in fat</b>	not applicable		
<b>pH</b>	not applicable		
<b>Viscosity</b>	not applicable		
<b>Auto ignition temperature</b>	not applicable		
<b>Decomposition temperature</b>	not traceable		
<b>Electrostatic charge</b>	not traceable		
<b>10. Stability and reactivity</b>			
Product is stable under conditions described in section 7			
<b>Conditions to avoid</b>	none		
<b>Reactions with water</b>	no		
<b>Hazardous reactions</b>	none		
<b>Hazardous decomposition products at heating</b>	<b>none</b>		
<b>11. Toxicological information</b>			
<b>Symptoms</b>			
Skin local	not applicable		
general	not applicable		
Ingestion local	not applicable		
general	not applicable		
Inhalation local	not applicable		
general	not applicable		
Eyes local	not applicable		
Remarks symptoms	none		
<b>Toxicity</b>	not traceable		
<b>Ames test</b>	not traceable		
<b>12. Eco toxicological information</b>			
<b>Biological oxygen demand (5)</b>	not traceable		
<b>Chemical oxygen demand</b>	not traceable		
<b>Biological/chemical oxygen demand ratio</b>	not traceable		
<b>Degradability</b>	not traceable		
<b>Biochemical factor</b>	>2500 MERCURY	Source	Supplier
<b>Log Po/w</b>	4.5 MERCURY	Source	Chemical cards
<b>Henry Constant</b>	not traceable		
<b>Eco toxicity :</b>			
Mercury Fish	LC-50: 0.004 mg/l/96H	Source	Supplier
Mercury Daphnia	EC-50: 0.0052 mg/l/48H	Source	Supplier
Mercury Algae	IC-50: 0.3 mg/l/72H	Source	Supplier
<b>Remarks on Eco toxicity</b>	none		

**13. Disposal considerations**

All fluorescent lamps contain some amount of mercury. All disposal options should be evaluated with respect to the requirements of the relevant local and national legislation. Before disposing of waste lamps check with state, country, and/or local officials for current guidelines and regulations.

**14. Transport information****ADR/RID**

<b>UN-number</b>	3506 MERCURY IN MANUFACTURING ARTICLES
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<b>Class</b>	8 (6.1)
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<b>Packing group</b>	
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<b>Transport emergency card</b>	80GC9-III
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The product contains less than 1kg of Mercury and is therefore subject to SP366 and exempt from dangerous goods regulation.

**IMO**

<b>UN-number</b>	3506 MERCURY IN MANUFACTURING ARTICLES
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<b>Class</b>	8 (6.1)
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<b>Packing group</b>	
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<b>Marine pollutant</b>	no
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**IATA/ICAO**

<b>UN-number</b>	3506 MERCURY IN MANUFACTURING ARTICLES
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<b>Class</b>	8 (6.1)
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<b>Packing group</b>	
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The product contains less than 1g of Mercury and box contains less than 30g of mercury therefore goods are exempt from dangerous goods regulation

**15. Regulatory information**

<b>EC-Label</b>	not applicable
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<b>Remarks on EC-labeling</b>	none
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**16. Other information**

<b>Remarks on SDS</b>	Working of this product may release toxic dust. Toxic mercury vapors can be released if the lamp is broken. These lamps emit Ultraviolet Radiation (UV-A). Avoid prolonged exposure. For transport exemption consult applicable regulations. The product contains <= 10 mg mercury.
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<b>Inner company references</b>	none
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**Overview relevant H-sentences from all components in section 3**

H330	Fatal if inhaled
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H372	Causes damage to organs through prolonged or repeated exposure
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H410	Very toxic to aquatic life with long lasting effects
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H360D	May damage fertility or the unborn child
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H280	If under pressure, may explode if heated
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OSHA-H01	May displace oxygen and cause rapid suffocation
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<b>Date last update</b>	10.11.2016
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The information provided in this Safety Data Sheet is correct to the best of the knowledge, information and belief of Envirolights Mfg. Inc. at the date of its printing.