

SAFETY DATA SHEET

NAME OF PRODUCT

Gardner Manufacturing Adhesive Devices

FILE NO.001

MSDS DATE: 07/06/15

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gardner Manufacturing Brand Fly Trap Products

SYNONYMS: N/A

PRODUCT CODES:

<u>Model No.</u>	<u>Description</u>
FW-74	Insect Monitor Card
EL-12907	9"x16.75" Universal Type Glueboard – 12ea/pack
CS-12907	9"x16.75" Universal Type Glueboard – 12packs/case
EL-100907	9"x16.75" Universal Type Glueboard – 100ea/pack
EL-55	3"x11" Replacement Glueboard
EL-58P	5"x17" Replacement Glueboard
EL-79	12"x22" Replacement Glueboard

MANUFACTURER: Webcote Industries.

DIVISION: United States

ADDRESS: 141 Wheatsworth Rd. Hardytown, NJ 07419

EMERGENCY PHONE: (973) 827-2299

CHEMICAL NAME: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

PRODUCT USE: Insect Monitoring Devices

PREPARED BY: Gardner Mfg. Inc. Co.

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

Product is Non-Hazardous

EMERGENCY OVERVIEW:

ROUTES OF ENTRY:

ROUTES OF ENTRY	POTENTIAL HEALTH EFFECTS
EYES	N/A
SKIN	N/A
INGESTION	N/A
INHALATION	N/A

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH HAZARDS	None
CHRONIC HEALTH HAZARDS	None
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	None

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CARCINOGENICITY:

AGENCY	None
OSHA	None
ACGIH	None
NTP	None
IARC	None
OTHER	None

SECTION 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

	ppm	mg/m ³
OSHA PEL-TWA	None Established	None Established
OSHA PEL STEL	None Established	None Established
OSHA PEL CEILING	None Established	None Established
ACGIH TLV-TWA	None Established	None Established
ACGIH TLV STEL	None Established	None Established
ACGIH TLV CEILING	None Established	None Established

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES	Flush with cool water for at least 15 minutes, contact a physician
SKIN	Remove glue with mineral spirits or vegetable oil. Wash skin with soap and water.
INGESTION	Call a physician or emergency phone number immediately. Do not give anything by mouth or induce vomiting unless instructed by physician
INHALATION	N/A

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

NONE

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME)	
UPPER	N/A
LOWER	N/A

FLASH POINT	
°F	421
°C	216

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METHOD USED:

AUTOIGNITION TEMPERATURE	
°F	N/A
°C	N/A

NFPA HAZARD CLASSIFICATION	
HEALTH	0 (Minimal)
FLAMMABILITY	0 (Minimal)
REACTIVITY	0 (Minimal)
OTHER	0 (Minimal)

HMIS HAZARD CLASSIFICATION	
HEALTH	0 (Minimal)
FLAMMABILITY	0 (Minimal)
REACTIVITY	0 (Minimal)
OTHER	0 (Minimal)

COMMENTS	
EXTINGUISHING MEDIA	Water, Foam or Inert Gas
SPECIAL FIRE FIGHTING PROCEDURES	None
UNUSUAL FIRE AND EXPLOSION HAZARDS	None
HAZARDOUS DECOMPOSITION PRODUCTS	None

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Steps to be taken in the event the material is released or spilled: General clean up. Remove glue by applying mineral spirits to the spilled area, followed by washing the area with warm water and detergent.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store at room temperature. The average shelf life is "Stable".

OTHER PRECAUTIONS:

Store in original container in a cool, dust free environment.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

PARAMETER	COMMENTS
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PARAMETER	COMMENTS
VENTILATION	Not Required
RESPIRATORY PROTECTION	Not Required
EYE PROTECTION	Not Required
SKIN PROTECTION	Gloves recommended. Otherwise, none.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Not Required
WORK HYGIENIC PRACTICES	Not required
EXPOSURE GUIDELINES	Not Required

SECTION 8 NOTES:**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:**

PARAMETER	COMMENTS
ODOR	Scent Free or Non-Allergenic Synthetic Scents
PHYSICAL STATE	Rubbery Solid
pH AS SUPPLIED	N/A
pH (Other)	Neutral
BOILING POINT (°F)	No data
BOILING POINT (°C)	N/A
MELTING POINT (°F)	155
MELTING POINT (°C)	171.39
VAPOR PRESSURE (mm Hg) @ °F	N/A
VAPOR PRESSURE (mm Hg) @ °C	N/A
VAPOR DENSITY (AIR = 1) @ °F	N/A
VAPOR DENSITY (AIR = 1) @ °C	N/A
SPECIFIC GRAVITY (H2O = 1) @ °F	N/A
SPECIFIC GRAVITY (H2O = 1) @ °C	N/A
EVAPORATION RATE BASIS (=1)	
SOLUBILITY IN WATER	N/A
PERCENT SOLIDS BY WEIGHT	100%
PERCENT VOLATILE BY WEIGHT	N/A
PERCENT VOLATILE BY VOLUME @ °F	N/A
PERCENT VOLATILE BY VOLUME @ °C	N/A
VOLATILE ORGANIC COMPOUNDS (VOC) WITH WATER : LBS/GAL	N/A
VOLATILE ORGANIC COMPOUNDS (VOC) WITHOUT WATER : LBS/GAL	N/A
MOLECULAR WEIGHT	
VISCOSITY @ 221 °F	9629 cP
VISCOSITY @ 105 °C	9629 cP

SECTION 9 NOTES:**SECTION 10: STABILITY AND REACTIVITY**

CLASSIFICATION	COMMENTS
STABLE	X
UNSTABLE	

STABILITY:

CLASSIFICATION	COMMENTS
CONDITIONS TO AVOID (STABILITY)	None

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CLASSIFICATION	COMMENTS
INCOMPATIBILITY (MATERIAL TO AVOID)	None
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	None
HAZARDOUS POLYMERIZATION	None
CONDITIONS TO AVOID (POLYMERIZATION)	Will Not Occur

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Wastes resulting from use may be disposed of on-site or at an approved waste disposal facility. Dispose of wastes in accordance with all applicable Federal, State and Local regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PARAMETER	COMMENTS
PROPER SHIPPING NAME	Not Required
HAZARD CLASS	Non-Hazardous
ID NUMBER	Not Required
PACKING GROUP	Not Required
LABEL STATEMENT	None Required

WATER TRANSPORTATION

PARAMETER	COMMENTS
PROPER SHIPPING NAME	Not Required

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PARAMETER	COMMENTS
HAZARD CLASS	Non-Hazardous
ID NUMBER	Not Required
PACKING GROUP	Not Required
LABEL STATEMENTS	None Required

AIR TRANSPORTATION

PARAMETER	COMMENTS
PROPER SHIPPING NAME	Not Required
HAZARD CLASS	Non-Hazardous
ID NUMBER	Not Required
PACKING GROUP	Not Required
LABEL STATEMENTS	None Required

OTHER AGENCIES:

SECTION 14 NOTES:

Freight Classification: LTL Class 60. Every single package of Gardner Manufacturing™ Product is marked EPA - Establishment number 48377-N.Y. - 1. This is mandated by the United States Of America Environmental Protections Agency regulations. Furthermore, detailed annual Production and Sales Reports must be filed each and every year with the E.P.A., by the AP&G Co., Inc.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

REGULATION	COMMENTS
TSCA (TOXIC SUBSTANCE CONTROL ACT):	None
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT)	None
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)	None
311/312 HAZARD CATEGORIES	None
313 REPORTABLE INGREDIENTS	None

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

SDS 001 GARDNER MANUFACTURING – Fly Monitoring Devices. Prepared June 1, 2015

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DISCLAIMER:

SAFETY DATA SHEET

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

1. Identification of the substance/preparation/manufacture

SDS	Blacklight lamps
Supplier	Feilo Sylvania Germany GmbH Graf-Zeppelin-Straße 9 91056 Erlangen Germany
Tradename	SPEK Lighting
General description	LAMP
Use	Fly attracting
Publicationdate	09.09.2014
General information	www.feilosylvania.com
Emergency phonenumber	+49 (0)9131-7930

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

Skin	Apply normal first aid for glass cuts if such occur through lamp breakage
Ingestion	In the unlikely event of ingestion of a large quantity of material, seek medical attention
Inhalation	If discomfort, irritation or symptoms of pulmonary involvement develop, remove from exposure and seek medical attention
Eyes	Wash eyes, including under eyelids, immediately with copious amounts of water for 15 minutes
Remarks first aid	None

5. Fire fighting measures

Fire-extinguisher	Use extinguishing agents suitable for surrounding fire
Hazardous decomposition products in fire	silicon dioxide, aluminium oxides, mercury oxides, strontium oxide, boric oxides, europium oxides, metal oxide, tungsten oxides

6. Accidental release measures

Spillage procedure	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 vaporisation. Take standard measures for clearing up broken glass and deposit in a lockable container.
Emergency procedure	not applicable

7. Handling and storage

Local exhausting	Under normal circumstances not applicable
Storage conditions	No special precautions

8. Exposure controls/personal protection**Exposure limits :****applicable to: Netherlands (20 °C; 1013 mbar)**

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/m ³ (Women in the fertile age: consult the industrial safety officer)
Tungsten	TLV:	5.8 mg/m ³ (as inhalable dust)
Metals		No MAC(STEL) has been laid down
Capping cement		No MAC(STEL) has been laid down

applicable to: Belgium (20 °C; 1013 mbar)

Mercury	S	TLV:	0.025 mg/m ³ S (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5 mg/m ³
Tungsten		STEL:	10 mg/m ³

applicable to: Germany (20 °C; 1013 mbar)

Mercury	S	TLV:	0.1 mg/m ³ (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5 mg/m ³ (as inhalable dust)

applicable to: USA (25 °C; 1013 mbar)

Krypton/Argon		No MAC(STEL) has been laid down	
Mercury	S	TLV:	0.025 mg/m ³ (Women in the fertile age: consult the industrial safety officer)
Tungsten		TLV:	5 mg/m ³
Tungsten		STEL:	10 mg/m ³

C=Ceiling; S=Skin

Remarks exposure limits	none
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Odour threshold (20°C; 1013 mbar)	not traceable
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Advised personal protection

skin	not applicable
eyes	not applicable
inhalation	not applicable

Instructions regarding broken lamps

These instructions only apply to broken lamps

Ventilation	Use both general and local exhaust ventilation to maintain exposure levels below the Long or Short terms limits. If such ventilation is not available use the respirators as specified below.
Respiratory protection	European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.
Eye protection	The use of safety glasses, goggles or face shields is recommended for handling broken lamps, as described in European Standard EN 166.
Protective clothing	Wear appropriate protective clothing to prevent skin exposure.
Hygiene	After handling broken lamps wash thoroughly before eating, handling tobacco products, applying cosmetics or using toilet facilities.

9. Physical and chemical properties

Physical state	article
Colour	type dependent
Odour	odourless
Vapor rate/range	not applicable
Boiling point/range	not traceable
Melting point/range	> 480 °C
Flash point/range	not applicable
Explosive limits	not applicable
Dust explosions possible in air	not applicable
Density	not traceable
Vapour pressure	not applicable
Solubility in water	not applicable
Solubility in fat	not applicable
pH	not applicable
Viscosity	not applicable
Autoignition temperature	not applicable
Decomposition temperature	not traceable
Electrostatic chagement	not traceable

10. Stability and reactivity

Product is stable under conditions described in section 7

Conditions to avoid	none
Reactions with water	no
Hazardous reactions	none
Hazardous decomposition products at heating	none

11. Toxicological information

Symptoms		
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
Toxicity		not traceable
Ames test		not traceable

12. Ecotoxicological information

Biological oxygen demand (5)	not traceable		
Chemical oxygen demand	not traceable		
Biological/chemical oxygen demand ratio	not traceable		
Degradability	not traceable		
Biochemical factor	>2500 MERCURY	Source	Supplier
Log Po/w	4.5 MERCURY	Source	Chemicalcards
Henry Constant	not traceable		
Ecotoxicity :			
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
Remarks on ecotoxicity		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**

UN-number	3506 MERCURY IN MANUFACTURING ARTICLES
Class	8 (6.1)
Packinggroup	
Transport emergency card	80GC9-III

The product contains less than 1kg of Mercury and is therefore subject to SP366 and exempt from dangerous goods regulation.

IMO

UN-number	3506 MERCURY IN MANUFACTURING ARTICLES
Class	8 (6.1)
Packinggroup	
Marine pollutant	no

IATA/ICAO

UN-number	3506 MERCURY IN MANUFACTURING ARTICLES
Class	8 (6.1)
Packinggroup	

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

EC-Label	not applicable
Remarks on EC-labeling	none

16. Other information

Remarks on SDS	Working of this product may release toxic dust. Toxic mercury vapours 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.
Inner company references	none

Overview relevant H-sentences from all components in section 3

H330	Fatal if inhaled
H372	Causes damage to organs through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects
H360D	May damage fertility or the unborn child
H280	If under pressure, may explode if heated
OSHA-H01	May displace oxygen and cause rapid suffocation
Date last update	10.11.2016

The information provided in this Safety Data Sheet is correct to the best of the knowledge, information and belief of Felio Sylvania Germany at the date of its printing.