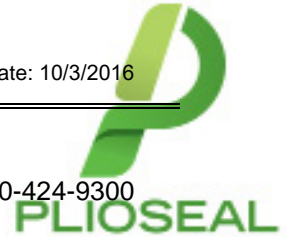


## SAFETY DATA SHEET

## Plioseal Flashing

Revision Date: 10/3/2016

**SECTION 1: COMPANY AND PRODUCT IDENTIFICATION**

## COMPANY INFORMATION:

Edge Adhesives

3709 Grove City Road

Grove City, OH 43123

Phone: 614-875-6343

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

PRODUCT NAME: Plioseal Flashing

PRODUCT DESCRIPTION: Adhesive, Roofing Tape

**SECTION 2: HAZARD(S) IDENTIFICATION**

## EMERGENCY OVERVIEW:

Central Nervous System (CNS) Hazard

HMIS RATING: HEALTH – 2

FLAMMABILITY – 1

REACTIVITY – 0

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

## POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY:

EYE: No irritation hazard in normal industrial use. Avoid contact with eyes through unintentional transfer.

SKIN: Prolonged exposure may cause mild skin irritation such as redness, dryness, and burning.

INHALATION: No irritation hazard in normal industrial use. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Prolonged exposure may lead to inflammation and ulceration.

INGESTION: Ingestion is not an anticipated route of exposure. Swallowing this material may be harmful.

## LONG-TERM (CHRONIC) HEALTH EFFECTS:

TARGET ORGAN(S): Prolonged overexposure to this product may cause CNS and lung damage.

REGULATED CARCINOGEN STATUS: This product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens. However, it does contain trace amounts of carbon black (CAS-No. 1333-86-4), listed as a carcinogen by the International Agency for Research on Cancer (IARC).

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Preexisting disorders of the following organs/organ systems may be aggravated by exposure to this material: Lung, Skin, Liver, Kidney, CNS.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Based on data available to Edge Adhesives, unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200). The composition of this compound is proprietary information. In the event of a medical emergency, detailed information will be provided to a nurse or physician.

Chemical Name	CAS #	PERCENT	OSHA PEL
Manganese Dioxide	1313-13-9	1.5 - 5	15MG/M3 Dust; 5MG/M3 Fume

**SECTION 4: FIRST AID MEASURES**

IF IN EYES: This product is an inert solid. Remove the substance from the eye(s), and immediately flush eye(s) with plenty of water while retracting eyelids often. If inflammation or blurred vision develops, seek medical attention and provide the medical care professional with this MSDS.

IF ON SKIN: Wash with soap and water.

IF VAPORS INHALED: Not an anticipated route of exposure. This product is an inert solid. If dusts are produced by cutting or sanding this product, please consider improving work site ventilation.

IF SWALLOWED: No hazard in normal industrial use, assuming a small, accidental amount of material is ingested. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.



## SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	>200F
NFPA FLAMMABLE & COMBUSTIBLE LIQUIDS CLASSIFICATION:	Combustible Liquid Class IIIB
EXTINGUISHING MEDIA:	Water Spray
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Material will burn in a fire.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, Carbon monoxide, Hydrocarbons, Sulfur oxides, Metal oxides, Manganese fumes



## 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. Comply with all applicable legal regulations.
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Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

## SECTION 7: HANDLING AND STORAGE

Handling: No special handling instructions due to toxicity.  
Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear goggles when handling this product.

SKIN PROTECTION: Wear appropriate clothing when using this product to protect the skin from unintentional exposure.

GLOVES: Wear gloves whenever possible and practical.

RESPIRATORY PROTECTION: Not normally required. This product is an inert solid. Dusts produced by cutting or grinding this product may warrant the need to use air-purifying respirators.

VENTILATION: Use local exhaust ventilation to minimize exposure.

HYGIENIC PRACTICES: Wash hands before eating, smoking, or using the restroom.

EXPOSURE LIMITS: None applicable for this product when used for normal industrial applications. Avoid excessive and unnecessary exposure whenever possible. If deemed useful and essential for treatment, specific exposure limits of raw materials used during the manufacturing process will be provided to a nurse or physician.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
COLOR:	Black
ODOR:	Neutral
ODOR THRESHOLD:	Not established
SPECIFIC GRAVITY:	1.01
SOLIDS (% by weight):	100%
BOILING POINT (deg. C):	4200
VAPOR PRESSURE (mm Hg):	25.051 hPa

## SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions
CHEMICAL INCOMPATIBILITY:	Bases, Chlorinated Rubber, Lithium, Magnesium, Reducing Agents, Strong Acids and Oxidizing Agents
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide, Carbon monoxide, Hydrocarbons, Sulfur oxides, Metal oxides, Manganese fumes

## SECTION 11: TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50
Carbon Black	Oral LD50 Rat = >10,000 mg/kg; Dermal LD50 > 3 g/L
Zinc Oxide	Oral LD50 Rat = >5 g/kg; Inhalation LC50 > 5.7 mg/L
Manganese Dioxide	Oral LD50 Rat = 3478 mg/kg



TOXICOLOGY SUMMARY: No additional health information available.

## SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information is available on this material as a finished product. Testing has been done on the individual, proprietary components that form the composition of this product as well as materials that were used during the manufacturing process. Ecological static tests involving fish, daphnia, and algae showed minimal, though measurable, ecological damage to these specimens.

## SECTION 13: DISPOSAL CONSIDERATIONS

Destroy by liquid incineration in accordance with applicable regulations. Dispose of in accordance with all applicable local, state, and federal regulations.

## SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

## SECTION 15: REGULATORY INFORMATION

INVENTORY STATUS: This product is in compliance with the Toxic Substances Control Act's inventory requirements set forth by the United States Environmental Protection Agency (EPA).

If you need more information about the inventory status of this product, call 651-236-5858.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others).

### FEDERAL REPORTING:

EPA SARA 311/312 Classification  
Acute Health Hazard, Chronic Health Hazard

### EPA SARA Title III Section 313

Unless listed below, 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 72. The EPA has advised that when a percentage range is listed, the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
Zinc Compounds	1314-13-2	2.64%
Manganese Dioxide	1313-13-9	2.54%

To the best of our knowledge, this product holds a positive listing among regulatory agencies of the following nations: USA, Canada, Australia, and Japan.

### STATE REPORTING: California Prop. 65

Proposition 65 warnings are not required for this product based on the results of a risk assessment.



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## **SECTION 16: ADDITIONAL INFORMATION**

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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).

Prepared by: Edge Adhesives

Phone: 614-875-6343

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Edge Adhesives from its suppliers, and because Edge Adhesives has no control over the conditions of handling and use, Edge Adhesives makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Edge Adhesives assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Edge Adhesives products to comply with all applicable federal, state and local laws and regulations.



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