



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: FLINTFAST #12 FASTENERS, FLINTFAST #14 FASTENERS, FLINTFAST SIPLD FASTENERS, FLINTFAST 3" PLATE, FLINTFAST 2.4" BARBED SEAM PLATE

PRODUCT DESCRIPTION: ROOFING SCREWS AND PLATES USED TO SECURE ROOFING INSULATION AND ROOFING MEMBRANES TO LOW-SLOPE ROOFING SURFACES.

CHEMICAL NAME: Various metal, ferrous and nonferrous platings/coatings
CAS NUMBER: None Assigned
EINECS: None Assigned
MOLECULAR FORMULA: No Data Available

Company Identification

CERTAINTEED CORPORATION
P.O. Box 860
Valley Forge, PA 19482
United States

WEB ADDRESS: www.certainteed.com

Phone Numbers

Technical Information: (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA)

*Emergency: (800) 424-9300 - EMERGENCY TELEPHONE: CHEMTREC
Emergency: (703) 527-3887 - OUTSIDE OF THE U.S. CHEMTREC*

PREPARATION DATE: 10/12/09
LAST REVISION DATE: 10/12/09

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Under United States Regulations (29 CFR 1900.1200 - Hazard Communication Standard) the products listed above are exempt as articles under stated normal conditions of use. In Canada, these products are considered manufactured articles under the Workplace Hazardous Materials Information System (WHMIS) and are exempt.

GHS

According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is not considered Hazardous.

NFPA/HMIS RATINGS:

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Degree of Hazard</u>
NFPA RATING:	0	0	0	0 - Minimal (Insignificant) 1 - Slight 2 - Moderate 3 - Serious (High) 4 - Severe (Extreme) * - Chronic Health Effect(s)
HMIS RATING:	0	0	0	

PHYSICAL FORM: Solid

COLOR: Metal

ODOR: None

ROUTE OF ENTRY: Sharp metal fastener may cut skin

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None

POTENTIAL HEALTH EFFECTS: Under normal conditions of use these products are not expected to cause a physical hazard or health risk to humans.

INHALATION:

ACUTE (IMMEDIATE): None known.

CHRONIC (DELAYED): None known.

SKIN:

ACUTE (IMMEDIATE): None known. Sharp metal fasteners may cut or puncture skin.

CHRONIC (DELAYED): None known.

EYE:

ACUTE (IMMEDIATE): None known. Sharp metal fasteners may cut or puncture eyes.

CHRONIC (DELAYED): None known.

INGESTION:

ACUTE (IMMEDIATE): None known.

CHRONIC (DELAYED): None known.

MUTAGENIC EFFECTS: None known.

CARCINOGENIC EFFECTS: None known.

REPRODUCTIVE EFFECTS: None known.

OTHER ACUTE EFFECTS: None known.

OTHER CHRONIC EFFECTS: None known.

POTENTIAL ENVIRONMENTAL EFFECTS: None known.

See Section 12 for Ecological Information

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Composition/Information on Ingredients

Chemical Name	CAS	%(weight)	UN;EINECS	LD50/LC50	EU Classification & R Phrases	Other
Various metal, ferrous and nonferrous platings/coatings	NDA	100%	NDA	NDA	NDA	NDA

Under United States Regulations (29 CFR 1900.1200 - Hazard Communication Standard) the products listed above are exempt as articles under stated normal conditions of use. In Canada, these products are considered manufactured articles under the Workplace Hazardous Materials Information System (WHMIS) and are exempt. According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is not considered Hazardous.

See Section 11 for Toxicological Information

SECTION 4 - FIRST AID MEASURES

INHALATION: Not applicable

SKIN: If cut or punctured, get medical attention.

EYE: If cut or punctured, get medical attention.

INGESTION: Do not place in mouth. Ingestion is unlikely but if product is swallowed, call a physician or poison control center immediately.

ANTIDOTES: No data available

NOTES TO PHYSICIAN: No data available

See Section 2 for Potential Health Effects

SECTION 5 - FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

LARGE FIRES: Water spray, fog or regular foam.

SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

UNSUITABLE EXTINGUISHING MEDIA: No data available

FIREFIGHTING PROCEDURES:

Not applicable – Product does not burn readily

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not applicable

HAZARDOUS COMBUSTION PRODUCTS: No data available

PROTECTION OF FIREFIGHTERS: Not Applicable

FLASH POINT: NA

FLASH POINT TEST TYPE: N/A

EXPLOSION LIMITS

UPPER: N/A LOWER: N/A

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Take proper precautions to minimize exposure by using appropriate personal protective equipment as described in Section 8 of this document.

EMERGENCY PROCEDURES: Not applicable

ENVIRONMENTAL PRECAUTIONS: Avoid run off to waterways and sewers.

CONTAINMENT/CLEAN-UP MEASURES: Carefully shovel or sweep up spilled material and place in suitable container.

PROHIBITED MATERIALS: No data available.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Do not place in mouth.

STORAGE: Keep container closed when not in use.

INCOMPATIBLE MATERIALS OR IGNITION SOURCES: No data available

OTHER INFORMATION: Wash hands thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

PPE:



RESPIRATORY PROTECTION: No respiratory protection is required under normal conditions and use.

EYE/FACE PROTECTION: Protective safety glasses recommended.

HANDS PROTECTION: Protective gloves recommended.

GENERAL INDUSTRIAL HYGIENE CONSIDERATIONS: Wash hands, face and other potentially exposed areas after handling material (especially before eating, drinking, or smoking).

ENGINEERING MEASURES/CONTROLS: No data available

EXPOSURE LIMITS/GUIDELINES: No data available

ENVIRONMENTAL EXPOSURE CONTROLS: No data available

MANUFACTURER RECOMMENDED EXPOSURE LIMITS: None

LISTED EXPOSURE LIMITS: None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Solid

APPEARANCE/DESCRIPTION: Roofing screws and plates used to secure roofing insulation and roofing membranes to low-slope roofing surfaces.

COLOR: Metal		ODOR: None	
TASTE: No data available		ODOR THRESHOLD: NDA	
BOILING POINT:	NDA	VAPOR PRESSURE:	NDA
MELTING POINT/FREEZING POINT:	> 1400 F(> 760 C)	VAPOR DENSITY:	NDA
SPECIFIC GRAVITY:	7.6 to 7.8	EVAPORATION RATE:	NDA
DENSITY:	= 63.422 to 65.091 lbs/gal	VOC (WT.):	NDA
BULK DENSITY:	NDA	VOC (VOL.):	NDA
WATER SOLUBILITY:	Insoluble	VOLATILES (WT.):	NDA
SOLVENT SOLUBILITY:	NDA	VOLATILES (VOL.):	NDA
VISCOSITY:	NDA	FLASH POINT:	NDA
HALF-LIFE:	NDA	FLASH POINT TEST TYPE:	NDA
OCTANOL/WATER PARTITION COEFFICIENT:	NDA	UEL:	NDA
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NDA	LEL:	NDA
BIOACCUMULATION FACTOR:	NDA	AUTOIGNITION:	NDA
PH:	NDA		

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

CONDITIONS TO AVOID: None known.

INCOMPATIBLE MATERIALS: This product will react with strong mineral acids, alkalis and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide

SECTION 11 - TOXICOLOGICAL INFORMATION

This product has not been tested as a separate entity. Therefore, the hazards must be evaluated on the basis of the individual ingredients, and those hazards must be assumed to be additive in the absence of complete information. The hazards described in this document have been evaluated on a threshold of 1.0% for all hazardous ingredients and 0.1% for all carcinogens, mutagens, reproductive hazards and respiratory sensitizers.

ACUTE TOXICITY: This product is a contained article and not known to cause any toxicological effects.

CARCINOGENIC EFFECTS: This product is a contained article and not known to cause any carcinogenic effects.

SECTION 12 - ECOLOGICAL INFORMATION

PRODUCT INFORMATION: This product has not been tested. Based on information related to all raw materials in the finished product it is not expected to harm ecosystems through its applied use.

ECOLOGICAL FATE: No information available for the product.

PERSISTANCE/DEGRADABILITY: No information available for the product.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of waste material according to local, state, federal, and provincial environmental regulations.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT 49 CFR 172.101:

SHIPPING NAME: Not Regulated for Transportation

TDG - CANADA - TRANSPORT OF DANGEROUS GOODS:

SHIPPING NAME: Not Regulated for Transportation

SECTION 15 - REGULATORY INFORMATION

SARA HAZARD CLASSIFICATIONS:

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

US FEDERAL:

GENERAL PRODUCT INFORMATION:

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are either exempt from listing (i.e. polymers, hydrates) or are listed on the confidential inventory as declared by the supplier.

CERCLA:

This material does not contain chemicals required to be identified under CERCLA (40 CFR 302.4).

CALIFORNIA SAFE DRINKING WATER AND TOXICS ENFORCEMENT ACT (PROPOSITION 65):

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): None

CANADIAN WHMIS INFORMATION:

GENERAL PRODUCT INFORMATION:

In Canada, these products are considered manufactured articles under the Workplace Hazardous Materials Information System (WHMIS) and are exempt.

COMPONENT ANALYSIS - WHMIS IDL:

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List: None

ADDITIONAL REGULATORY INFORMATION:

GENERAL PRODUCT INFORMATION:

No information available for the product.

SECTION 16 - OTHER INFORMATION

PREPARATION DATE: 10/12/09

LAST REVISION DATE: 10/12/09

DISCLAIMER: Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

For reference to the acronyms/definitions used in this MSDS please visit www.certainteed.com.

This is the end of MSDS # CT-10145-01