

CLASSIFICATION: CSI Division: 05 40 00 and CSI Division: 09 22 16

created via: HPDC Online Builder

PRODUCT DESCRIPTION: MBA Metal Framing Products. Light Gauge Steel Framing and Finishing Products from a proven industry leading manufacturer. With multiple facilities to support Green building and LEED requirements for owners. This HPD covers the full line of Interior Drywall Framing, Structural Framing, Slotted Tracks, Clips, Connectors, and Finishing products including Masterspec 09 22 16.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
 - Partially Considered
 - Not Considered
- Explanation(s) provided for Residuals/Impurities?
- Yes No

Are All Substances Above the Threshold Indicated:

- Characterized** Yes No
Percent Weight and Role Provided?
- Screened** Yes No
Using Priority Hazard Lists with Results Disclosed?
- Identified** Yes No
Name and Identifier Provided?

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-1
Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

COLD-FORMED STEEL PRODUCTS [**STEEL (STEEL)** **NoGS** **ZINC (ZINC)** **LT-P1** | **AQU** | **PHY** | **END** | **MUL** **HYDROGEN CHLORIDE (HCL) (HYDROGEN CHLORIDE (HCL))** **BM-2** | **MAM** | **SKI** | **RES** **MINERAL OILS (UNTREATED AND MILDLY TREATED OILS) (MINERAL OILS (UNTREATED AND MILDLY TREATED OILS))** **LT-UNK** **SODIUM NITRITE (SODIUM NITRITE)** **LT-P1** | **MAM** | **AQU** | **PHY** | **END** | **MUL** **POTASSIUM HYDROXIDE (POTASSIUM HYDROXIDE)** **LT-P1** | **MAM** | **SKI** **CHROMIUM (VI) OXIDE (CHROMIUM (VI) OXIDE)** **LT-1** | **MAM** | **SKI** | **RES** | **CAN** | **GEN** | **AQU** | **REP** | **DEL** | **PHY** | **MUL** **METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER (METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER)** **LT-UNK** **ETHYLENEDIAMINETETRAACETIC ACID (EDTA) (ETHYLENEDIAMINETETRAACETIC ACID (EDTA))** **BM-2** | **EYE** | **MUL** **PHOSPHORIC ACID (PHOSPHORIC ACID)** **LT-P1** | **SKI** **PHOSPHORIC ACID, CHROMIUM(3++) SALT (1:1) (PHOSPHORIC ACID, CHROMIUM(3++) SALT (1:1))** **LT-UNK**]

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

LCA: Environmental Product Declaration (EPD) by SCS

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-11-07

PUBLISHED DATE: 2017-11-07

EXPIRY DATE: 2020-11-07

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

COLD-FORMED STEEL PRODUCTS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: See Section 2: Material Content See Section 5: General Notes

OTHER PRODUCT NOTES:

STEEL (STEEL)

ID: 12597-69-2

#: 86.8600 - 99.6000 GS: NoGS RC: PostC NANO: No ROLE: Base Metal Steel (untreated)

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ZINC (ZINC)

ID: 7440-66-6

#: 0.4000 - 10.0000 GS: LT-P1 RC: None NANO: No ROLE: Protective Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

HYDROGEN CHLORIDE (HCL) (HYDROGEN CHLORIDE (HCL))

ID: 7647-01-0

#: 0.0000 - 3.0000

GS: BM-2

RC: None

NANO: No

ROLE: Coatings and Finishing Treatments

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
SKIN IRRITATION	EU - R-phrases	R35 - Causes severe burns
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rr) - irritant-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES:

MINERAL OILS (UNTREATED AND MILDLY TREATED OILS) (MINERAL OILS (UNTREATED AND MILDLY TREATED OILS))

ID: 8020-83-5

#: 0.0000 - 0.1000

GS: LT-UNK

RC: None

NANO: No

ROLE: Coatings and Finishing Treatments

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES:

SODIUM NITRITE (SODIUM NITRITE)

ID: 7632-00-0

#: 0.0000 - 0.0100

GS: LT-P1

RC: None

NANO: No

ROLE: Coatings and Finishing Treatments

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H272 - May intensify fire; oxidiser
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES:

POTASSIUM HYDROXIDE (POTASSIUM HYDROXIDE)

ID: 1310-58-3

%: 0.0000 - 0.0100

GS: LT-P1

RC: None

NANO: No

ROLE: Coatings and Finishing Treatments

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R35 - Causes severe burns
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES:

CHROMIUM (VI) OXIDE (CHROMIUM (VI) OXIDE)

ID: 1333-82-0

%: 0.0000 - 0.0100

GS: LT-1

RC: None

NANO: No

ROLE: Coatings and Finishing Treatments

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R24 - Toxic in Contact with Skin
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
MAMMALIAN	EU - R-phrases	R26 - Very Toxic by Inhalation
SKIN IRRITATION	EU - R-phrases	R35 - Causes severe burns
RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
CANCER	EU - R-phrases	R45 - May cause cancer
GENE MUTATION	EU - R-phrases	R46 - May cause heritable genetic damage
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List	Carcinogenic - Banned unless Authorised
GENE MUTATION	EU - SVHC Authorisation List	Mutagenic - Banned unless Authorised

ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H271 - May cause fire or explosion; strong oxidiser
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - GHS (H-Statements)	H350i - May cause cancer by inhalation
REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 1 - Substances known to be Carcinogenic to man
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1A - Known human Carcinogen based on human evidence
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B
GENE MUTATION	New Zealand - GHS	6.6A - Known or presumed human mutagens
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
CANCER	Japan - GHS	Carcinogenicity - Category 1A
GENE MUTATION	Japan - GHS	Germ cell mutagenicity - Category 1B
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
GENE MUTATION	MAK	Germ Cell Mutagen 2
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES:

**METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER
(METHYLOXIRANE POLYMER WITH OXIRANE MONOBUTYL ESTER)**

ID: 9038-95-3

#: **0.0000 - 0.0100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Coatings and Finishing Treatments**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ETHYLENEDIAMINETETRAACETIC ACID (EDTA)
(ETHYLENEDIAMINETETRAACETIC ACID (EDTA))**

ID: 60-00-4

#: **0.0000 - 0.0100** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Coatings and Finishing Treatments**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

PHOSPHORIC ACID (PHOSPHORIC ACID)

ID: 7664-38-2

#: **0.0000 - 0.0100** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Coatings and Finishing Treatments**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES:

**PHOSPHORIC ACID, CHROMIUM(3++) SALT (1:1) (PHOSPHORIC ACID,
CHROMIUM(3++) SALT (1:1))**

ID: 7789-04-0

#: **0.0000 - 0.0100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Coatings and Finishing Treatments**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

LCA

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: Third Party	ISSUE DATE: 2016-08-01	EXPIRY DATE: 2021-07-31	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Libertyville, IL Dallas, TX Rainbow City, AL Frackville, PA			
CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide?pd_pid=37979			
CERTIFICATION AND COMPLIANCE NOTES:			

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Products produced by MBA are classified as non hazardous per OSHA GHS 29 CFR 1910, 1915, 1926. Processes such as cutting, welding or brazing to modify or install the product can result in hazardous and/or combustible dust or fumes. Operations with potential for producing high concentrations of airborne particulates or fumes should be evaluated and measured as necessary. Eye Protection - Use safety glasses. Dust resilient safety goggles are recommended under circumstances where particles could cause injury such as grinding or cutting. Face shield should be used when welding or cutting. Skin - Appropriate protective gloves should be worn as necessary. Good personal hygiene practices should be followed including cleansing exposed skin several times daily with soap and water, and laundering or dry cleaning soiled work clothing. Respiratory Protection - NIOSH/MSHA approved dust/fume/mist respirator should be used to avoid excessive exposure. If such concentrations are sufficiently high that this respirator is inadequate, or high enough to cause oxygen deficiency, use a positive pressure self-contained breathing apparatus (SCBA). Follow all applicable respirator use, fitting, and training standards and regulations. Ventilation - Provide general and/or local exhaust ventilation to control airborne levels of dust or fumes below exposure limits. Exposure Guidelines - No permissible exposure limits (PEL) or threshold limit values (TLV) exist for steel. Some grades of steel will contain different combinations of these elements. Trace elements may also be present in minute amounts.

MANUFACTURER INFORMATION

MANUFACTURER: **MBA Building Supplies**

ADDRESS: **2200 Tempel Drive**

Libertyville IL 60048, US

WEBSITE: **www.mbastuds.com**

CONTACT NAME: **Technical Services**

TITLE: **Technical Services**

PHONE: **(847)680-7773**

EMAIL: **sales@mbastuds.com**

KEY

OSHA MSDS

Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS

Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.