

MasterProtect H 1001

Version 1.1 Revision Date: 01/21/2021 SDS Number: 000000261375 Date of last issue: 08/17/2020
Date of first issue: 08/17/2020

SECTION 1. IDENTIFICATION

Product name : MasterProtect H 1001
Product code : 000000000051677691 000000000051677691
Other means of identification : MProtect H 1001

Manufacturer or supplier's details

Company name of supplier : Master Builders-Construction Systems
US, LLC
Address : 23700 CHAGRIN BLVD
Beachwood OH 44122
Emergency telephone : ChemTel: +1-813-248-0585


Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

Flammable liquids : Category 4
Skin corrosion/irritation : Category 2

GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : H227 Combustible liquid.
H315 Causes skin irritation.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/
face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames
and other ignition sources. No smoking.
P264 Wash face, hands and any exposed skin thoroughly after
handling.
Response:

MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

P302 + P352 IF ON SKIN: Wash with plenty of water.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : organic

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|----------------------|-----------|-----------------------|
| Triethoxyoctylsilane | 2943-75-1 | >= 75 - < 100 |
| ethyl acetate | 141-78-6 | >= 1 - < 3 |

SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled : Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.

In case of skin contact : After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

In case of eye contact : Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed : Causes skin irritation.

MasterProtect H 1001

Version 1.1 Revision Date: 01/21/2021 SDS Number: 000000261375 Date of last issue: 08/17/2020
Date of first issue: 08/17/2020

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
Foam
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
- Further information : The degree of risk is governed by the burning substance and the fire conditions.
If exposed to fire, keep containers cool by spraying with water.
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.
Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Wear eye/face protection.
Use personal protective clothing.
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions : Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.
Dispose of absorbed material in accordance with regulations.
-

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.
- Advice on safe handling : Avoid inhalation of dusts/mists/vapours.
Avoid skin contact.
Ensure adequate ventilation.
No special measures necessary provided product is used correctly.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
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MasterProtect H 1001

Version 1.1 Revision Date: 01/21/2021 SDS Number: 000000261375 Date of last issue: 08/17/2020
 Date of first issue: 08/17/2020

Protect from direct sunlight.

Recommended storage temperature : > 32 °F / > 0 °C

Further information on storage stability : PROTECT FROM FREEZING.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---------------|----------|-------------------------------|--|--------------------------------------|
| ethyl acetate | 141-78-6 | TWA value | 400 ppm | ACGIHTLV |
| | | REL value | 400 ppm 1,400 mg/m ³ | NIOSH |
| | | PEL | 400 ppm 1,400 mg/m ³ | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 400 ppm 1,400 mg/m ³ | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 400 ppm | ACGIH |
| | | TWA | 400 ppm 1,400 mg/m ³ | NIOSH REL |
| | | TWA | 400 ppm 1,400 mg/m ³ | OSHA Z-1 |
| | | TWA | 400 ppm 1,400 mg/m ³ | OSHA P0 |

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) respirator as necessary.

Hand protection

Remarks : Chemical resistant protective gloves Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses with side-shields.

Skin and body protection : Body protection must be chosen based on level of activity and exposure.

Protective measures : Do not inhale dust/fumes/aerosols.
 Avoid contact with the skin, eyes and clothing.
 Avoid exposure - obtain special instructions before use.
 Handle in accordance with good building materials hygiene

MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

and safety practice.
Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).
When using do not eat or drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|--|
| Appearance | : liquid |
| Color | : colorless |
| Odor | : alcohol-like |
| Odor Threshold | : not determined |
| pH | : Not applicable |
| Melting point | : No applicable information available. |
| Boiling point | : 163 - 338 °F / 73 - 170 °C |
| Flash point | : 145 °F / 63 °C |
| | Method: Standard Method of Test for Flash Point by Setaflash Closed Tester |
| Evaporation rate | : No applicable information available. |
| Flammability (solid, gas) | : Combustible liquid. |
| Self-ignition | : not self-igniting |
| Vapor pressure | : No applicable information available. |
| Relative vapor density | : Heavier than air. |
| Relative density | : No applicable information available. |
| Density | : approx. 0.9 g/cm ³ (68 °F / 20 °C) |
| Solubility(ies) | |
| Water solubility | : insoluble (68 °F / 20 °C) |
| Solubility in other solvents | : No applicable information available. |

MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

Partition coefficient: n-octanol/water : No data available

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

 Viscosity, dynamic : No applicable information available.

 Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

Metal corrosion rate : Corrosive effects to metal are not anticipated.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids
Strong bases
Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Product:

MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

MasterProtect H 1001

Version 1.1 Revision Date: 01/21/2021 SDS Number: 000000261375 Date of last issue: 08/17/2020
Date of first issue: 08/17/2020

Persistence and degradability**Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available.
Discharge into the environment must be avoided.

Components:**ethyl acetate:**

Partition coefficient: n-octanol/water : log Pow: 0.68 (77 °F / 25 °C)
pH: 7
Method: other (measured)
GLP: no

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.
Observe national and local legal requirements.
Residues should be disposed of in the same manner as the substance/product.
The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**49 CFR**

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION**US State Regulations****Pennsylvania Right To Know**

ethyl acetate

141-78-6

New Jersey Right To Know

ethyl acetate

141-78-6

California Prop. 65

WARNING: This product can expose you to chemicals including ethanol, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

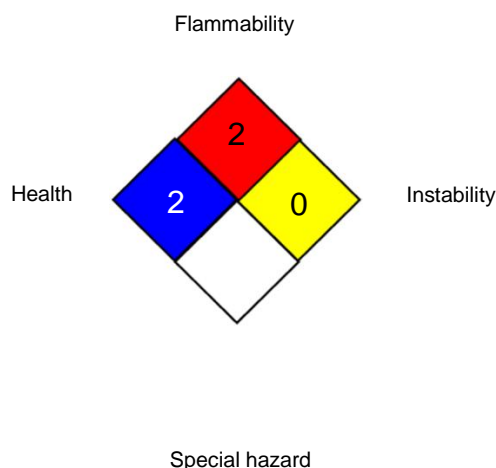
DSL : All components of this product are on the Canadian DSL

SECTION 16. OTHER INFORMATION**Further information**

MasterProtect H 1001

Version 1.1 Revision Date: 01/21/2021 SDS Number: 000000261375 Date of last issue: 08/17/2020
 Date of first issue: 08/17/2020

NFPA 704:



HMIS® IV:

| | | |
|------------------------|--|--|
| HEALTH | | |
| FLAMMABILITY | | |
| PHYSICAL HAZARD | | |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

| | |
|--|---|
| 29 CFR 1910.1000 (Table Z-1-A) | : OSHA - Table Z-1-A (29 CFR 1910.1000) |
| 29 CFR 1910.1000 (Table Z-1) | : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000 |
| ACGIH | : USA. ACGIH Threshold Limit Values (TLV) |
| ACGIHTLV | : American Conference of Governmental Industrial Hygienists - threshold limit values (US) |
| NIOSH | : NIOSH Pocket Guide to Chemical Hazards (US) |
| NIOSH REL | : USA. NIOSH Recommended Exposure Limits |
| OSHA P0 | : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000 |
| OSHA Z-1 | : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| 29 CFR 1910.1000 (Table Z-1-A) / TWA value | : Time Weighted Average (TWA): |
| 29 CFR 1910.1000 (Table Z-1) / PEL | : Permissible exposure limit |
| ACGIH / TWA | : 8-hour, time-weighted average |
| ACGIHTLV / TWA value | : Time Weighted Average (TWA): |
| NIOSH / REL value | : Recommended exposure limit (REL): |
| NIOSH REL / TWA | : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| OSHA P0 / TWA | : 8-hour time weighted average |
| OSHA Z-1 / TWA | : 8-hour time weighted average |

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Har-

MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

monized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 01/21/2021

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MasterProtect H 1001

| | | | |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 08/17/2020 |
| 1.1 | 01/21/2021 | 000000261375 | Date of first issue: 08/17/2020 |

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