

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

### SECTION 1. IDENTIFICATION

Product name : MasterFinish HV 28 gld

Product code : 000000000055514096 000000000055514096

#### Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC

Address : 23700 Chagrin Blvd  
Beachwood OH 44122

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Tele-  
phone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

#### 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 the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids : Category 2

Skin corrosion/irritation : Category 2

Carcinogenicity : Category 1A

Reproductive toxicity : Category 2

Specific target organ toxicity : Category 3  
- single exposure

Specific target organ toxicity : Category 2 (Central nervous system)  
- repeated exposure

Aspiration hazard : Category 1

Short-term (acute) aquatic hazard : Category 2

Long-term (chronic) aquatic hazard : Category 3

#### GHS label elements

# SAFETY DATA SHEET

## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

Hazard pictograms

:



Signal Word

:

Danger

Hazard Statements

:

H225 Highly flammable liquid and vapor.  
H315 Causes skin irritation.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H361d Suspected of damaging the unborn child.  
H350 May cause cancer.  
H373 May cause damage to organs (Central nervous system) through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.  
H401 Toxic to aquatic life.

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.  
P271 Use only outdoors or in a well-ventilated area.  
P243 Take action to prevent static discharges.  
P273 Avoid release to the environment.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dusts or mists.  
P240 Ground and bond container and receiving equipment.  
P242 Use only non-sparking tools.  
P264 Wash face, hands and any exposed skin thoroughly after handling.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

### Response:

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P331 Do NOT induce vomiting.  
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:

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

P233 Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

### 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 : No data available.

### Components

## SECTION 4. FIRST AID MEASURES

General advice	: First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing. Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled	: Keep patient calm, remove to fresh air, seek medical attention.  Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	: Immediately wash thoroughly with soap and water, seek medical attention.  If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.  Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Immediately rinse mouth and then drink 200-300 ml of water,

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version 2.0	Revision Date: 08/15/2023	SDS Number: 000000260661	Date of last issue: 07/28/2023 Date of first issue: 01/24/2023
----------------	------------------------------	-----------------------------	-------------------------------------------------------------------

seek medical attention.

Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause drowsiness or dizziness.  
May cause cancer.  
Suspected of damaging the unborn child.

Notes to physician : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray  
Foam  
Dry powder  
Carbon dioxide (CO2)

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform

**MasterFinish HV 28 gld**

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion : Product is not explosive.

Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).  
Use only explosion-proof equipment.  
Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

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.  
Protect from direct sunlight.

Materials to avoid : Observe TRGS 509/510 storage rules.

Recommended storage temperature : 32 °F / 0 °C

Further information on storage stability : Minimum storage temperature:

# SAFETY DATA SHEET

## MasterFinish HV 28 gld

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000260661      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
toluene	108-88-3	TWA	20 ppm	ACGIH
		TWA	100 ppm 375 mg/m3	NIOSH REL
		ST	150 ppm 560 mg/m3	NIOSH REL
		TWA	200 ppm	OSHA Z-2
		CEIL	300 ppm	OSHA Z-2
		Peak	500 ppm (10 minutes)	OSHA Z-2
		TWA	100 ppm 375 mg/m3	OSHA P0
		STEL	150 ppm 560 mg/m3	OSHA P0
Silicon dioxide	7631-86-9	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
		TWA	6 mg/m3 (Silica)	NIOSH REL
Mica-group minerals	12001-26-2	TWA (Respirable particulate matter)	0.1 mg/m3	ACGIH
		TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable)	3 mg/m3	NIOSH REL
		TWA (respirable dust fraction)	3 mg/m3	OSHA P0
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.2 mg/m3 (Titanium dioxide)	ACGIH
		TWA (Respirable particulate matter)	2.5 mg/m3 (Titanium dioxide)	ACGIH
Quartz (SiO2)	14808-60-7	TWA (Res-	0.05 mg/m3	OSHA Z-1

# SAFETY DATA SHEET

## MasterFinish HV 28 gld

Version 2.0      Revision Date: 08/15/2023      SDS Number: 000000260661      Date of last issue: 07/28/2023  
Date of first issue: 01/24/2023

		pirable dust)		
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL

**Engineering measures** : No applicable information available.

### Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.  
Use NIOSH approved respiratory protection.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : various colours

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version 2.0	Revision Date: 08/15/2023	SDS Number: 000000260661	Date of last issue: 07/28/2023 Date of first issue: 01/24/2023
----------------	------------------------------	-----------------------------	-------------------------------------------------------------------

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Odor	:	sweetish, solvent
Odor Threshold	:	No data available
pH	:	Not applicable
Melting point	:	No applicable information available.
Boiling point	:	230 °F / 110 °C
Flash point	:	39 °F / 4 °C
Evaporation rate	:	No applicable information available.
Flammability (solid, gas)	:	Highly flammable. Method: derived from flash point
Upper explosion limit / Upper flammability limit	:	6.7 %(V)
Lower explosion limit / Lower flammability limit	:	2.5 %(V)
Vapor pressure	:	No data available
Relative vapor density	:	Heavier than air.
Relative density	:	No applicable information available.
Density	:	approx. 1.0 g/cm <sup>3</sup> (68 °F / 20 °C)
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No applicable information available.
Partition coefficient: n-octanol/water	:	Not applicable
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 Not explosive



# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Sublimation temperature	:	No applicable information available.
Molecular weight	:	No data available

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed. Vapors may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
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:

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.

#### Product:

Remarks	:	May cause skin irritation in susceptible persons.
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#### Serious eye damage/eye irritation

Not classified based on available information.

#### Product:

Remarks	:	Vapors may cause irritation to the eyes, respiratory system and the skin.
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**MasterFinish HV 28 gld**

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

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**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**

May cause cancer.

**Reproductive toxicity**

Suspected of damaging the unborn child.

**STOT-single exposure**

May cause drowsiness or dizziness.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

May be fatal if swallowed and enters airways.

**Further information****Product:**

Remarks : The product has not been tested. The statement has been derived from the properties of the individual components.

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
Concentrations substantially above the TLV value may cause narcotic effects.  
Solvents may degrease the skin.

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

Acute aquatic toxicity : Toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.  
Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

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

Not applicable for product as supplied.

### Domestic regulation

## SECTION 15. REGULATORY INFORMATION

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

toluene	108-88-3
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### US State Regulations

#### Pennsylvania Right To Know

Mica-group minerals	12001-26-2
Titanium dioxide	13463-67-7
Quartz (SiO <sub>2</sub> )	14808-60-7
Silicon dioxide	7631-86-9
toluene	108-88-3

#### New Jersey Right To Know

Mica-group minerals	12001-26-2
Titanium dioxide	13463-67-7

# SAFETY DATA SHEET

## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	08/15/2023	000000260661	07/28/2023
			Date of first issue: 01/24/2023

Silicon dioxide  
Quartz (SiO<sub>2</sub>)  
toluene

7631-86-9  
14808-60-7  
108-88-3

### California Prop. 65

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

### TSCA list

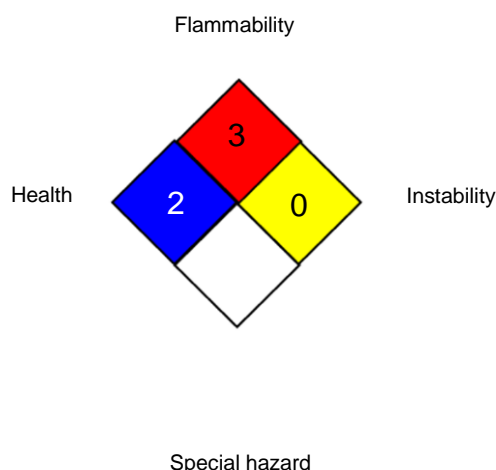
No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

## SECTION 16. OTHER INFORMATION

### Further information

#### 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

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

its for Air Contaminants

OSHA Z-2	:	USA. Occupational Exposure Limits (OSHA) - Table Z-2
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	:	8-hour time weighted average
OSHA P0 / STEL	:	Short-term exposure limit
OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-2 / TWA	:	8-hour time weighted average
OSHA Z-2 / CEIL	:	Acceptable ceiling concentration
OSHA Z-2 / Peak	:	Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift
OSHA Z-3 / TWA	:	8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; 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 Harmonized 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; TECI - Thailand Existing Chemicals 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 : 08/15/2023

# SAFETY DATA SHEET



## MasterFinish HV 28 gld

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	08/15/2023	000000260661	Date of first issue: 01/24/2023

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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