



# Safety Data Sheet

## The Craftsman Collection CLEAR WIPING STAIN BASE



### 1. Identification

<b>Product identifier</b>	The Craftsman Collection CLEAR WIPING STAIN BASE		
<b>Product code</b>	CC001		
<b>Other means of identification</b>	N/Av.		
<b>Recommended use of the chemical and restrictions on use</b>	PAINT.		
<b>Manufacturer</b>	GEMINI INDUSTRIES, INC. 2300 Holloway Drive El Reno, OK 73036 Tel. 1-800-262-5710 Fax 1-405-262-9310 <a href="http://www.geminicoatings.com">www.geminicoatings.com</a>		
<b>Emergency phone number</b>	INFOTRAC 800-535-5053 Outside USA, Call Collect 1-352-323-3500 (French & English) 24-hour  HAZMAT Response and MSDS help: EMI 800-510-8510		

### 2. Hazard identification

<b>Summary</b>	Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing. Do not breathe vapors, mists or aerosols. Do not ingest. If ingested consult physician immediately and show this Safety Data Sheet. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.
----------------	--

#### WHMIS 2015/OSHA HCS 2012/GHS



Flammable liquids (Category 3)  
 Acute toxicity, inhalation (Category 4)  
 Skin irritation (Category 2)  
 Eye irritation (Category 2)  
 Carcinogenicity (Category 2)  
 Specific target organ toxicity, single exposure, Narcotic effects (Category 3)  
 Aspiration hazard (Category 1)

#### DANGER

- H226: Flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H332: Harmful if inhaled
- H319: Causes serious eye irritation
- H315: Causes skin irritation
- H336: May cause drowsiness or dizziness
- H351: Suspected of causing cancer
- H410: Very toxic to aquatic life with long lasting effects
- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat, sparks, open flames and other ignition sources. No smoking.
- P240: Ground or bond container and receiving equipment.
- P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.  
P261: Avoid breathing vapours.  
P264: Wash skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves, protective clothing and eye protection.  
P301+310+331: IF SWALLOWED: Immediately call a POISON CENTER or a physician. Do NOT induce vomiting.  
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water and soap or take a shower if necessary.  
P332+313: If skin irritation occurs: Get medical advice or attention.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+313: If eye irritation persists: Get medical advice or attention.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P321: Specific treatment (see on this label).  
P362+364: Take off contaminated clothing and wash before reuse.  
P370+378: In case of fire: Use chemical foam, dry chemical or carbon dioxide for extinction.  
P391: Collect spillage.  
P403+P235+P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P501: Dispose of contents and container to an approved waste disposal plant.

### 3. Composition/information on ingredients

Common name	CAS	Weight % content
Solvent naphtha (petroleum), light aromatic (C8 to C10)	64742-95-6	43 - 44 %
Stoddard solvent (Mineral Spirits)	8052-41-3	33 - 34 %
2-Butoxyethanol	111-76-2	5 - 6 %
Naphthalene	91-20-3	4.5 - 5.5 %
1,2,4-Trimethylbenzene	95-63-6	2 - 3 %
Synthetic Amorphous Fumed Silica	112945-52-5	1.5 - 2.5 %

### 4. First-aid measures

<b>Inhalation</b>	Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. If a problem develops or persists, seek medical attention.
<b>Skin contact</b>	Wash skin with warm water and mild soap. Remove contaminated clothing and wash before reuse. Avoid touching eyes with contaminated body parts. If a problem develops or persists, seek medical attention.
<b>Eye contact</b>	IMMEDIATELY flush with plenty of water. Remove contact lenses. Flush with water for at least 15 minutes. Hold eyelids apart to rinse properly. If a problem develops or persists, seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting, unless recommended by medical personnel. Never give anything by mouth if victim is unconscious or convulsing. If spontaneous vomiting occurs, keep head below hips level to prevent aspiration into the lungs. Seek medical attention or contact a Poison Centre immediately.
<b>Other</b>	No information available.
<b>Symptoms</b>	Aspiration hazards into the lungs (ingestion/vomiting). Can enter lungs and cause damage. Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discoloration of the skin. Coughing, choking and gagging are often noted at the time of aspiration.
<b>Notes to the physician</b>	Treat symptomatically.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemicals, alcohol resistant foam, carbon dioxide (CO <sub>2</sub> ). Do not use direct water jet.
<b>Specific hazards arising from the chemical</b>	NFPA: Class IC Flammable liquid. Vapors are heavier than air and may travel to an ignition source distant from the material handling point. May be ignited by heat, sparks, flame or static electricity. Do not apply to hot surfaces. Contact with strong oxidizers may cause fire. In a fire or if heated, a pressure increase will occur and the container may burst. Emits toxic fumes under fire conditions.
<b>Special protective equipment</b>	Firefighters must wear self contained breathing apparatus with full face mask. Firefighting suit may not be efficient against chemicals.
<b>Special protective actions for fire-fighters</b>	Water stream can scatter and spread fire. If water is used, fog nozzles are preferable. Use water spray to cool fire-exposed containers.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Do not touch spilled material. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet.
<b>Environmental precautions</b>	Prevent entry in sewer and other enclosed area. For a large spillage, consult the Department of Environment or the relevant authorities.
<b>Methods and materials for containment and cleaning up</b>	Remove sources of ignition. Ventilate the area well. Stay against the wind spill. Make sure you have a fire extinguisher near you. Stop leak, if it's possible to do so without risk. Use non-sparkling and antistatic tools. Absorb with inert material (soil, sand, vermiculite, Dustbane) and place in an appropriate waste disposal clearly identified. Dispose via a licensed waste disposal contractor. Finish cleaning by rinsing with soapy water the contaminated surface.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Keep away from heat, sparks and open flame. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Use non-sparkling and antistatic tools. Ground/bond all containers when transfer large quantities (5 gallons US or 20 L and more). Use only in well ventilated area. Avoid prolonged or repeated breathing of vapor or mists. Avoid contact with skin, eyes and clothing. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet. Keep containers tightly closed when not used. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid), all hazard precautions given in this sheet must be observed. Do not eat, do not drink and do not smoke during use. Wash hands, forearms and face thoroughly after handling this compound and before eating, drinking or using toilet articles. Remove contaminated clothing and wash before reuse.
<b>Conditions for safe storage, including any incompatibilities</b>	Storage and handling should follow the NFPA 30 Flammable and/or Combustible Liquids Code and the National Fire Code of Canada (NFCC). NFPA: Class IC Flammable liquid. Store tightly closed and in properly labelled container in a dry, cool and well ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store away from oxidizing materials and incompatible materials (see section 10).
<b>Storage temperature</b>	10 to 25°C (50 to 77°F)

## 8. Exposure controls/personal protection

<b>Immediately Dangerous to Life or Health</b>	Stoddard solvent (Mineral Spirits): 20000 mg/m <sup>3</sup> . Naphthalene: 250 ppm. 2-Butoxyethanol: 700 ppm. Synthetic Amorphous Fumed Silica: 3000 mg/m <sup>3</sup> .
--	---

Stoddard solvent (Mineral Spirits)	STEL		580 mg/m <sup>3</sup>	BC
	TWA (8h)		290 mg/m <sup>3</sup>	BC
2-Butoxyethanol	TWA (8h)	100 ppm	525 mg/m <sup>3</sup>	ACGIH , ON, RSST
		500 ppm	2900 mg/m <sup>3</sup>	OSHA
		20 ppm		ACGIH , BC, ON
		20 ppm	97 mg/m <sup>3</sup>	AB , RSST
Naphthalene	STEL	50 ppm	240 mg/m <sup>3</sup>	OSHA
		15 ppm		BC
		15 ppm	78 mg/m <sup>3</sup>	ON
		15 ppm	79 mg/m <sup>3</sup>	ACGIH , RSST
		TWA (8h)	10 ppm	
1,2,4-Trimethylbenzene	TWA (8h)	10 ppm	52 mg/m <sup>3</sup>	ACGIH , ON, RSST
		25 ppm		ACGIH , BC, ON
		25 ppm	123 mg/m <sup>3</sup>	RSST
		Respirable Dust	1.5 mg/m <sup>3</sup>	BC
Synthetic Amorphous Fumed Silica	TWA (8h)	Respirable Dust	3 mg/m <sup>3</sup>	ACGIH , ON
		Total Dust	4 mg/m <sup>3</sup>	BC
		Respirable Dust	6 mg/m <sup>3</sup>	RSST
		Total Dust	10 mg/m <sup>3</sup>	ACGIH , ON

<b>Appropriate engineering controls</b>	Provide sufficient mechanical ventilation (general and/or local exhaust) to keep the airborne concentrations of vapors, mists, aerosols or dust below their respective occupational exposure limits.
---	--

#### Individual protection measures

<b>Eye</b>	Wear safety glasses. If risk of contact with eyes wear chemical splash goggles.
<b>Hands</b>	In case of prolonged contact wear neoprene or nitrile gloves. Before using, user should confirm impermeability. Discard gloves that show tears, pinholes, or signs of wear. Gloves must only be worn on clean hands. Wash gloves with water before removing them. After using gloves, hands should be washed and dried thoroughly. Disposable nitrile gloves can also be used, but discard after single use.
<b>Skin</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer code. Wear synthetic apron, if necessary, to prevent repeated or prolonged contact with skin.
<b>Respiratory</b>	Respiratory protection equipment (PPE) must be selected, fitted, maintained and inspected in accordance with regulations and CSA Standard Z 94.4 and approved by NIOSH / MSHA. In case of insufficient ventilation or in enclosed area until maximum 10 times of exposure limit, wear half mask respirator with organic vapors cartridges and fitted with a particulate filter.
<b>Feet</b>	Wear rubber boots to clean up a spill.

## 9. Physical and chemical properties

<b>Physical state</b>	Liquid	<b>Flammability</b>	Flammable
<b>Colour</b>	Clear	<b>Flammability limits</b>	1.2 to 12%
<b>Odour</b>	Solvent odor	<b>Flash point</b>	37.8°C (100°F)
<b>Odour threshold</b>	N/Av.	<b>Auto-ignition temperature</b>	N/Av.
<b>pH</b>	N/Av.	<b>Sensibility to electrostatic charges</b>	Yes
<b>Melting point</b>	N/Av.	<b>Sensibility to sparks and/or friction</b>	N/Av.

<b>Freezing point</b>	N/Av.	<b>Vapour density</b>	>1 (Air = 1)
<b>Boiling point</b>	N/Av.	<b>Relative density</b>	0.872 kg/L (Water = 1)
<b>Solubility</b>	N/Av.	<b>Partition coefficient n-octanol/water</b>	N/Av.
<b>Evaporation rate</b>	> Acétate de butyle	<b>Decomposition temperature</b>	N/Av.
<b>Vapour pressure</b>	N/Av.	<b>Viscosity</b>	N/Av.
<b>Percent Volatile</b>	94.24%	<b>Molecular mass</b>	N/Av.
N/Av.: Not Available    N/Av.: Not Applicable    Und.: Undetermined    N/E: Not Established			

## 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions (including polymerizations)</b>	A dangerous reaction will not occur.
<b>Conditions to avoid</b>	Avoid heat, flame and sparks. Avoid contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidants, strong bases, mineral acids, strong acids.
<b>Hazardous decomposition products</b>	In combustion: nitrogen oxides, carbon oxides (CO, CO <sub>2</sub> ).

## 11. Toxicological information

<b>Numerical measures of toxicity</b>	Solvent naphtha (petroleum), light aromatic (C8 to C10)	Ingestion	8400 mg/kg	Rat	LD50
		Inhalation	>5.2 mg/l/4h	Rat	LC50
		Skin	>3750 mg/kg	Rabbit	LD50
	Stoddard solvent (Mineral Spirits)	Ingestion	>5000 mg/kg	Rat	LD50
		Inhalation	>12 mg/l/4h	Rat	LC50
		Skin	>3000 mg/kg	Rabbit	LD50
	2-Butoxyethanol	Ingestion	560 mg/kg	Rat	LD50
		Inhalation	2.21 mg/l/4h	Rat	LC50
		Skin	220 mg/kg	Rabbit	LD50
	Naphthalene	Ingestion	533 mg/kg	Rat	LD50
		Inhalation	>1 mg/l/1h	Rat	LC50
		Skin	>2500 mg/kg	Rabbit	LD50
	1,2,4-Trimethylbenzene	Ingestion	5000 mg/kg	Rat	LD50
		Inhalation	18 mg/l/4h	Rat	LC50
Skin		>3160 mg/kg	Rabbit	LD50	
Synthetic Amorphous Fumed Silica	Ingestion	>5000 mg/kg	Rat	LD50	
	Inhalation	>2.08 mg/l/4h	Rat	LC50	
	Skin	>5000 mg/kg	Rabbit	LD50	
<b>Likely routes of exposure</b>	Skin, eyes, inhalation, ingestion.				

<b>Delayed, immediate and chronic effects</b>	<b>Eye contact</b>	May cause eyes irritation.
	<b>Skin contact</b>	May cause skin irritation. Prolonged and repeated contact may cause drying and cracking of the skin. Widespread contact with skin for several hours can cause harmful amounts of material to be absorbed.
	<b>Inhalation</b>	Excessive inhalation is harmful. May cause slight upper respiratory tract irritation. High concentrations may cause central nervous system depression characterized by headache, dizziness, nausea, fatigue, drowsiness, unconsciousness. asphyxia. The severity of symptoms may vary depending on exposure conditions. Prolonged exposure may cause liver, kidney, lung and blood forming organs damages.
	<b>Ingestion</b>	May cause gastro-intestinal irritation with nausea and vomiting. Harmful or fatal if inhaled into the lungs (ingestion/vomiting). Contains a substance that can cause target organ damage, according to data obtained on animals.
	<b>Respiratory or skin sensitization</b>	Ingredients present at levels greater than or equal to 0.1% of this product are skin or respiratory sensitizers.
	<b>IRAC/NTP Classification</b>	<b>Common name IRAC NTP</b> Naphthalene 2B R IARC : 1- Carcinogenic; 2A- Probably carcinogenic; 2B- Possibly carcinogenic. NTP : K- Known to be carcinogens; R- Reasonably anticipated to be carcinogens.
	<b>Carcinogenicity</b>	Contains a substance that can cause cancer based on animal data. The risk of cancer depends on duration and level of exposure.
	<b>Mutagenicity</b>	Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause mutagenic effect.
<b>Reproductive toxicity</b>	Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause effects on reproduction.	
<b>Interactive effects</b>	No information available for this product.	
<b>Other information</b>	Target organs: central nervous system, kidneys, liver, lungs. blood forming organs. The acute toxicity estimate (ATE) by inhalation of the mixture was calculated to be greater than 10 mg/L/4h but lower than 20 mg/L/4h. This value is classified according to GHS: Acute toxicity, inhalation (Category 4). The oral and skin acute toxicity estimates (ATE) of the mixture were calculated to be greater than 2000 mg/kg. These values are not classified according to WHMIS 2015 and OSHA HCS 2012.	

## 12. Ecological information

<b>Ecological toxicity</b>	N/Av. LC50 N/Av.
<b>Persistence</b>	Contains an ingredient which is a marine pollutant.
<b>Degradability</b>	No information available for this product.
<b>Bioaccumulative potential</b>	No information available for this product.
<b>Mobility in soil</b>	No information available for this product.
<b>Other adverse effects</b>	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13. Disposal considerations

<b>Container</b> 	Important! Prevent waste generation. Use in full. DO NOT throw residual to sewer, streams, sewers or drinking water supply. Paint residues including lacquer, thinner, stain, shellac, varnish, polish can be reprocessed everywhere there is a recycling program. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.
--	---

## 14. Transport information

<b>UN Number</b>	UN 1263
<b>UN Proper Shipping Name</b>	PAINT
<b>Environmental hazards</b>	Contains an ingredient which is a marine pollutant.
<b>Special precautions for user</b>	Permit required for transportation with proper placards displayed on vehicle.
<b>TDG - Transportation of Dangerous Goods (Canada)</b>	
<b>Transport hazard class(es)</b>	 Class 3
<b>Packing group</b>	III
<b>IMO/IMDG - International Maritime Transport</b>	
<b>Classification</b>	UN 1263. PAINT. Class 3, PG III.
<b>IATA - International Air Transport Association</b>	
<b>Classification</b>	UN 1263. PAINT. Class 3, PG III.
<p>These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.</p>	

## 15. Regulatory information

### CANADA

Common name	CAS	CEPA	DSL	NDSL	NPRI
Solvent naphtha (petroleum), light aromatic (C8 to C10)	64742-95-6	X	X		X
Stoddard solvent (Mineral Spirits)	8052-41-3	X	X		X
2-Butoxyethanol	111-76-2	X	X		X
Naphthalene	91-20-3	X	X		X
1,2,4-Trimethylbenzene	95-63-6	X	X		X
Synthetic Amorphous Fumed Silica	112945-52-5		X		

- CEPA: List of Toxic Substances Managed Under Canadian Environmental Protection Act
- DSL: Domestic Substances List Inventory
- NDSL: Non-Domestic Substances List Inventory
- NPRI: National Pollutant Release Inventory Substances

### UNITED STATE OF AMERICA

Common name	CAS	TSCA	CERCLA	EPCRA 313	EPCRA 302/304	CAA 112(b) HON	CAA 112(b) HAP	CAA 112(r)	CWA 311	CWA Priority
Solvent naphtha (petroleum), light aromatic (C8 to C10)	64742-95-6	X								
Stoddard solvent (Mineral Spirits)	8052-41-3	X								
2-Butoxyethanol	111-76-2	X								
Naphthalene	91-20-3	X	X	X		X	X		X	X
1,2,4-Trimethylbenzene	95-63-6	X		X	X					

Synthetic Amorphous Fumed Silica	112945-52-5	X							
----------------------------------	-------------	---	--	--	--	--	--	--	--

- TSCA: Toxic Substance Control Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act list of hazardous substances
- EPCRA 313: Emergency Planning and Community Right-to-Know Act, Section 313 Toxic Chemicals
- EPCRA 302/304: Emergency Planning and Community Right-to-Know Act, Section 302/304 Extremely Hazardous Substances
- CAA 112(b) HON: Clean Air Act - Hazardous Organic National Emission Standard for Hazardous Air Pollutant
- CAA 112(b) HAP: Clean Air Act - Hazardous Air Pollutants lists pollutants
- CAA 112(r): Clean Air Act - Regulated Chemicals for Accidental Release Prevention
- CWA 311: Clean Water Act - List of Hazardous Substances
- CWA Priority: Clean Water Act - Priority Pollutant list

### California Proposition 65

Common name	CAS	Cancer	Reproductive and Developmental Toxicity
Naphthalene	91-20-3	X	

### Other regulations

#### WHMIS 1988



B2 D1A D2A D2B

Class B2 : Flammable Liquid

Class D1A : Very toxic material causing immediate and serious toxic effects

Class D2A : Very toxic material causing other toxic effects

Class D2B : Toxic material causing other toxic effects

#### HMIS



#### NFPA



## 16. Other information

Date (YYYY-MM-DD)	GEMINI INDUSTRIES, INC. 2015-12-08
-------------------	------------------------------------

Version	01
---------	----

Other information	<p>REFERENCES:</p> <ul style="list-style-type: none"> <li>- Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, <a href="http://hazmap.nlm.nih.gov/index.php">http://hazmap.nlm.nih.gov/index.php</a></li> <li>- Service du répertoire toxicologique de la Commission de la santé et de la sécurité du travail (CSST), <a href="http://www.reptox.csst.qc.ca">http://www.reptox.csst.qc.ca</a></li> <li>- NIOSH Pocket Guide to Chemical Hazards, Centers for Disease Control and Prevention, NIOSH Publications, 2007, <a href="http://www.cdc.gov/niosh/npg/npg.html">http://www.cdc.gov/niosh/npg/npg.html</a></li> <li>- IPCS INCHEM, Chemical Safety Information from Intergovernmental Organizations, Canadian Centre for Occupational Health and Safety (CCOHS), Copyright International Programme on Chemical Safety (IPCS), <a href="http://www.inchem.org">http://www.inchem.org</a></li> <li>- IUCLID Chemical Dataset, European Chemical Substances Information System (ESIS), Joint Research Centre, <a href="http://esis.jrc.ec.europa.eu">http://esis.jrc.ec.europa.eu</a></li> <li>- OECD Existing Chemicals Database, Chemicals Screening Information Data Set (SIDS) for High Volume Chemicals, UNEP publications, <a href="http://webnet.oecd.org/HPV/UI/Search.aspx">http://webnet.oecd.org/HPV/UI/Search.aspx</a></li> </ul>
-------------------	--

ACGIH: American Conference of Governmental Industrial Hygienists  
AIHA: American Industrial Hygiene Association  
HMIS: Hazardous Materials Identification System  
NFPA: National Fire Protection Association  
OSHA: Occupational Safety and Health Administration (USA)  
NIOSH: National Institute for Occupational Safety and Health  
NTP: National Toxicology Program  
RSST: Règlement sur la santé et la sécurité du travail (Québec)  
GHS: Globally Harmonized System  
IARC: International Agency for Research on Cancer  
IDLH: Immediately Dangerous to Life or Health  
STEL: Short Term Exposure Limit (15 min)  
TWA: Time Weighted Averages  
WHMIS: Workplace Hazardous Materials Information System

To the best of our knowledge, the information contained herein is accurate. However, neither Préventis System nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.