



Brick in the Yard
Mold Supply
brickintheyard.com
(214)575-5600
521 Sterling Dr
Richardson, TX 75081

Mold Wax

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200
Revision Date: 02/18/2015 Date of issue: 03/04/2015

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: Mold Wax

1.2. Intended Use of the Product

Use of the substance/mixture: Mold making and casting

1.3. Name, Address, and Telephone of the Responsible Party

Company

Brick in the Yard

521 Sterling Dr

Richardson, TX 75081

(214) 575-5600

1.4 Emergency Telephone Number

Emergency Number : Chemtrec (866)231-5406; (800) 424-9300 or (703)527-3887

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Carcinogenicity	Category 2	Suspected of causing cancer.
Specific target organ toxicity - repeated exposure	Category 1	Causes damage to organs through prolonged or repeated exposure

Labelling

Hazard symbols

Health hazard

Signal word

Danger

Hazard statements

Suspected of causing cancer.

Causes damage to organs through prolonged or repeated exposure

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Read label before use.

Get medical advice/ attention if you feel unwell.

IF exposed or concerned: Get medical advice/ attention.

Store locked up.

Dispose of contents/ container to an approved incineration plant.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Do not breathe spray.

Wash hands thoroughly after handling.

Do no eat, drink or smoke when using this product.

Other hazards : None identified

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Stoddard solvent	8052-41-3	60.00 - 100.00
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10.00 - 30.00
Ethyl Benzene	100-41-4	0.10 - 1.00
NAPHTHALENE	91-20-3	0.10 - 1.00
CUMENE	98-82-8	0.10 - 1.00

SECTION 4: FIRST AID MEASURES

Eye Contact	: No special requirements
Skin Contact	: No special requirements
Inhalation	: No special requirements
Ingestion	: No special requirements

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing Media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Further information	: Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. wear full protective clothing and positive pressure self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	: Obtain special instructions before use. Wear personal protective equipment. Wash thoroughly after handling.
Environmental precautions	: Outside of normal use, avoid release to the environment.
Methods and materials for containment and cleaning up	: Sweep up shovel into suitable containers for disposal. Clean residue from spill site.

SECTION 7: HANDLING AND STORAGE

Handling	
Precautions for safe handling	: Avoid contact with skin, eyes and clothing. For personal protection see section 8. Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Advice on protection against fire and explosion	: Normal measures for preventive fire protection.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Stoddard solvent	8052-41-3	2,900 mg/m ³	500 ppm	-	OSHA TWA
Stoddard solvent	8052-41-3	-	100 ppm	-	ACGIH TWA
Paraffin waxes and Hydrocarbon waxes	8002-74-2	2 mg/m ³	-	-	ACGIH TWA
Ethyl Benzene	100-41-4	-	20 ppm	-	ACGIH TWA
Ethyl Benzene	100-41-4	435 mg/m ³	100 ppm	-	OSH TWA
NAPHTHALENE	91-20-3	50 mg/m ³	10 ppm	-	OSH TWA
NAPHTHALENE	91-20-3	-	10 ppm	-	ACGIH TWA
CUMENE	98-82-8	245 mg/m ³	50 ppm	-	OSHA TWA
CUMENE	98-82-8	-	50 ppm	-	ACGIH TWA

Personal protective equipment	
Respiratory protection	: No special requirements
Hand protection	: No special requirements
Eye protection	: No special requirements
Skin and body protection	: No special requirements
Hygiene measures	: No special requirements

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odour Threshold : No data available
pH : No data available
Melting point/freezing point : No data available
Initial boiling point and boiling range : No data available
Flash point : No data available

Evaporation rate : No data available
Flammability (solid, gas) : No data available
Upper/lower flammability or explosive limits : No data available
Vapour pressure : No data available
Vapour density : No data available
Relative density : 6.52 g/cm³ at 25° C
Solubility(ies) : negligible
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, dynamic : Not applicable
Viscosity, kinematic : Not applicable
Oxidizing properties : No data available
Volatile Organic Compounds : 80% -additional exemptions may apply
Total VOC (wt. %)* : *as defined by US Federal and State Consumer Product Regulations
Other information : None identified

SECTION 10: STABILITY AND REACTIVITY

Possibility of hazardous reactions : Stable under recommended storage conditions.
Conditions to avoid : Direct sources of heat.
Incompatible materials : None known.
Hazardous decomposition products : Thermal decomposition can lead to release of irritation gases and vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Emergency Overview : Danger
Acute oral toxicity : LD50 estimated >5,000 mg/kg
Acute inhalation toxicity : No data available
Acute dermal toxicity : No data available

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	-
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	Category 2	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	Category 1	-
Aspiration hazard	No classification proposed	-

Target Organs : Central nervous system
Aggravated Medical Condition : None known.

SECTION 12: ECOLOGICAL INFORMATION

Product: The product itself has not been tested.
Toxicity: The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Stoddard solvent	No data available			
Paraffin waxes and Hydrocarbon waxes	LC50	Fish	>100 mg/l	
Ethyl Benzene	semi-static test LC50	Oncorhynchus mykiss (rainbow trout)	4.2 mg/l	96 h
NAPHTHALENE	static test LC50	Oncorhynchus mykiss (rainbow trout)	0.91-2.82 mg/l	96 h
CUMENE	LC50	Oncorhynchus mykiss (rainbow trout)	4.2-5.5 mg/l	96 h

Components	End point	Species	Value	Exposure time
Stoddard solvent	No data available			
Paraffin waxes and Hydrocarbon waxes	EC50 No data available NOEC	Daphnid Daphnid	> 10,000mg/l 10mg/l	
Ethyl benzene	EC50	Daphnia magna (water flea)	1.8 mg/l	48 h
	NOEC	Ceriodaphnia dubia	1 mg/l	7 d
NAPHTHALENE	Static test EC50	Daphnia magna (water flea)	1.09 - 3.4 mg/l	48 h
CUMENE				

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Stoddard solvent	No data available			
Paraffin waxes and Hydrocarbon waxes	NOEC No data available	Algae	> 100 mg/l	
Ethyl benzene	Static EC50	Pseudokirchneriella subcapitata	2.6 - 11.3 mg/l	72 h
NAPHTHALENE	No data available			
CUMENE	No data available			

Persistence and degradability

Components	Biodegradation	Exposure time	Summary
Stoddard solvent	No data available		
Paraffin waxes and Hydrocarbon waxes	No data available		Not readily biodegradable.
Ethyl benzene	70 - 80%	28 d	Readily biodegradable
NAPHTHALENE	No data available		
CUMENE	No data available		

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n - Octanol/water (log)
Stoddard solvent	No data available	No data available
Paraffin waxes and Hydrocarbon waxes	No data available	No data available
Ethyl Benzene	1 Measured	3.6
NAPHTHALENE	No data available	No data available
CUMENE	No data available	No data available

Mobility

Component	End point	Value
Stoddard solvent	No data available	
Paraffin waxes and Hydrocarbon waxes	No data available	
Ethyl Benzene	Koc	1331 estimated
NAPHTHALENE	No data available	
CUMENE	Koc	884

PBT and vPvB assessment

Component	Results
Paraffin waxes and Hydrocarbon waxes	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

SECTION 14: TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

	Land transport	Sea transport	Air transport
UN number	1325	1325	1325
UN proper shipping name	UN 1325 Flammable Solid, Organic, N.O.S., 4.1, II	UN 1325 Flammable Solid, Organic, N.O.S., 4.1, II	UN 1325 Flammable Solid, Organic, N.O.S., 4.1, II
Transport hazard class(es)	4.1	4.1	4.1
Packing group	II	II	II
Environmental hazards	--	--	--
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.

SECTION 15: REGULATORY INFORMATION

- Notification status** : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
- Notification status** : All ingredients of this product comply with the New Substance Notification requirements under the Canadian Environmental Protection Act (CEPA).
- California Prop. 65** : This product is not subject to the reporting requirements under California's Proposition 65.

SECTION 16: OTHER INFORMATION

HMIS Rating

Health	1
Flammability	3
Reactivity	0

NFPA Rating

Health	1
Fire	3
Reactivity	0
Special	-

This information is being provided in accordance with Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

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