

# **PIGMENT BROWN OXIDE 8881572I**

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**SECTION 1. IDENTIFICATION** 

Product name : PIGMENT BROWN OXIDE 8881572I

Product code : 00000000056435077 00000000056435077

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

Skin corrosion/irritation : Category 2

Germ cell mutagenicity : Category 1B

Carcinogenicity : Category 1B

Specific target organ toxicity

- single exposure

Category 3

Specific target organ toxicity :

- repeated exposure

Category 2 (Kidney)

Short-term (acute) aquatic

hazard

Category 3

**GHS** label elements

Hazard pictograms



Signal Word : Danger

Hazard Statements : H315 Causes skin irritation.

H335 May cause respiratory irritation.

H350 May cause cancer.

H340 May cause genetic defects.



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H373 May cause damage to organs (Kidney) through prolonged

or repeated exposure. H402 Harmful to aquatic life.

**Precautionary Statements** 

### Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P201 Obtain special instructions before use.

P271 Use only outdoors or in a well-ventilated area.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust or mist.

P273 Avoid release to the environment.

P264 Wash face, hands and any exposed skin thoroughly after handling.

### Response:

P308 + P311 IF exposed or concerned: Call a POISON

CENTER/ doctor.

P304 + P340 IF INHALED: Remove person to fresh air and

keep comfortable for breathing.

P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/ atten-

P362 + P364 Take off contaminated clothing and wash it before

reuse.

#### Storage:

P403 + P233 Store in a well-ventilated place. Keep container

tightly closed.

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

Chemical name	CAS-No.	Concentration (% w/w)
ethyleneglycol	107-21-1	>= 20 - < 25
talc	14807-96-6	>= 10 - < 15
Diethylene glycol	111-46-6	>= 5 - < 7
Nonylphenol, branched, ethoxylated	68412-54-4	>= 5 - < 7
Benzenesulfonic acid, dodecyl-, branched, compd. with 2- propanamine	90218-35-2	>= 3 - < 5



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 carbon black
 1333-86-4
 >= 1 - < 3</th>

 Stoddard solvent
 8052-41-3
 >= 0.2 - < 0.3</td>

**SECTION 4. FIRST AID MEASURES** 

General advice : Move out of dangerous area.

Show this material safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled : Keep patient calm, remove to fresh air, seek medical atten-

tion.

If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : 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 : Clean mouth with water and drink afterwards plenty of water.

Induce vomiting immediately and call a physician.

Keep respiratory tract clear.

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

and effects, both acut delayed

Causes skin irritation.

May cause respiratory irritation. May cause genetic defects.

May cause cancer.

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 : Do not allow run-off from fire fighting to enter drains or water



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fighting 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.

Special protective equipment

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- :

tive equipment and emergency procedures

Use personal protective equipment.

Avoid dust formation. Avoid breathing dust.

**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

respective authorities.

Methods and materials for

containment and cleaning up

Keep in suitable, closed containers for disposal.

## **SECTION 7. HANDLING AND STORAGE**

Advice on protection against

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Avoid formation of respirable particles. Advice on safe handling

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 ap-

plication area.

Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national

regulations.

Conditions for safe storage Keep container tightly closed in a dry and well-ventilated

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 stor-

age conditions

Keep only in the original container in a cool, well-ventilated

place.

Protect from direct sunlight. Store protected against freezing.



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Materials to avoid : No applicable information available.

Further information on stor-

age stability

: No data available

# **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

# Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
ethyleneglycol	107-21-1	TWA value (Vapor frac- tion)	25 ppm	ACGIHTLV
		STEL value (Vapor frac- tion)	50 ppm	ACGIHTLV
		STEL value (Aerosol, inhalable.)	10 mg/m3	ACGIHTLV
		TWA (Vapor)	25 ppm	ACGIH
		STEL (Va- por)	50 ppm	ACGIH
		STEL (Inhalable fraction, Aerosol only)	10 mg/m3	ACGIH
		С	50 ppm 125 mg/m3	OSHA P0
carbon black	1333-86-4	TWA value (Inhalable fraction)	3 mg/m3	ACGIHTLV
		PEL	3.5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	3.5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		REL value	0.1 mg/m3 (Polycyclic aromatic hydrocarbons (PAH))	NIOSH
		TWA (Inhal- able particu- late matter)	3 mg/m3	ACGIH
		TWA	3.5 mg/m3	NIOSH REL
	_	TWA	3.5 mg/m3	OSHA Z-1
		TWA	3.5 mg/m3	OSHA P0
		TWA	0.1 mg/m3 (PAHs)	NIOSH REL
Stoddard solvent	8052-41-3	TWA value	100 ppm	ACGIHTLV
		REL value	350 mg/m3	NIOSH



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	I	Ceil Time	1 000 mg/m2	NIOSH
	+	PEL	1,800 mg/m3	29 CFR
		PEL	500 ppm	
			2,900 mg/m3	1910.1000
			100	(Table Z-1)
		TWA value	100 ppm	29 CFR
			525 mg/m3	1910.1000
				(Table Z-1-A)
		TWA	100 ppm	ACGIH
		TWA	350 mg/m3	NIOSH REL
		С	1,800 mg/m3	NIOSH REL
		TWA	500 ppm	OSHA Z-1
			2,900 mg/m3	
		TWA	100 ppm	OSHA P0
			525 mg/m3	
talc	14807-96-6	TWA value	2 mg/m3	ACGIHTLV
		(Respirable		
		fraction)		
		TWA (Dust)	20 Million parti-	OSHA Z-3
		, ,	cles per cubic foot	
		TWA (respir-	2 mg/m3	OSHA P0
		able dust	3, -	
		fraction)		
		TWA (Res-	2 mg/m3	NIOSH REL
		pirable)	.32	
		TWA	0.1 fibres per	ACGIH
			cubic centimeter	
		TWA (Res-	2 mg/m3	ACGIH
		pirable par-	.32	
		ticulate mat-		
		ter)		
		lel)		

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

Personal protective equipment

Respiratory protection : No applicable information available.

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 : Choose body protection according to the amount and con-

centration of the dangerous substance at the work place.

Protective measures : Avoid contact with the skin, eyes and clothing.

No special measures necessary if stored and handled cor-

rectly.

Handle in accordance with good building materials hygiene

and safety practice.

Wearing of closed work clothing is recommended.



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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 : paste

Color : brown

Odor : of glycol

Odor Threshold : No data available

pH : approx. 8.7

Melting point : No applicable information available.

Boiling point :  $> 212 \,^{\circ}\text{F} / > 100 \,^{\circ}\text{C}$ 

Flash point : No data available

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Upper explosion limit / Upper

flammability limit

No applicable information available.

Lower explosion limit / Lower

flammability limit

No applicable information available.

Vapor pressure : No data available.

Relative vapor density : No applicable information available.

Relative density : 1.7

Density : 1.7 g/cm3 (68 °F / 20 °C)

Bulk density : not applicable

Solubility(ies)

Water solubility : emulsifiable

Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

No data available.

Autoignition temperature : No applicable information available.



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Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Not explosive

Oxidizing properties : not fire-propagating

Self-heating substances : No data available

Sublimation point : 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 reac-

tions

No decomposition if stored and applied as directed.

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:** 

Acute oral toxicity : Remarks: No data available.

Acute inhalation toxicity : Remarks: No data available.

Acute dermal toxicity : Remarks: No data available.



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### Skin corrosion/irritation

Causes skin irritation.

**Product:** 

Remarks : May cause skin irritation in susceptible persons.

# Serious eye damage/eye irritation

Not classified based on available information.

**Product:** 

Remarks : Product dust may be irritating to eyes, skin and respiratory

system.

### Respiratory or skin sensitization

### Skin sensitization

Not classified based on available information.

# Respiratory sensitization

Not classified based on available information.

### Germ cell mutagenicity

May cause genetic defects.

## Carcinogenicity

May cause cancer.

### Reproductive toxicity

Not classified based on available information.

#### STOT-single exposure

May cause respiratory irritation.

### STOT-repeated exposure

Not classified based on available information.

## **Aspiration toxicity**

Not classified based on available information.

#### **Product:**

No aspiration hazard expected.

# **Further information**

**Product:** 

Remarks : No data available

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No data available

# Persistence and degradability

No data available



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### Bioaccumulative potential

### **Components:**

ethyleneglycol:

Partition coefficient: n- : log Pow: approx. -1.36 (73 °F / 23 °C) octanol/water : Method: Calculation Hansch/Leo

GLP: no data

Remarks: Information taken from reference works and the

literature.

talc:

Partition coefficient: n-

octanol/water

Remarks: not applicable

Benzenesulfonic acid, dodecyl-, branched, compd. with 2-propanamine:

Partition coefficient: n- : Pow: approx. 6.18 octanol/water : Method: other

Remarks: Based on data from similar materials

carbon black:

Partition coefficient: n-

octanol/water

Remarks: not applicable

Stoddard solvent:

Partition coefficient: n- : log Pow: 3.5 - 6.4 (68 °F / 20 °C)

octanol/water Method: Partition coefficient (n-octanol/water), HPLC method.

Mobility in soil
No data available

Other adverse effects

**Product:** 

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Harmful to aquatic life.

# **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods** 

Waste from residues : Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Dispose of in accordance with national, state and local regula-

tions.

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 sub-

stance/product.

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#### **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**

SARA 313 : The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

ethyleneglycol 107-21-1

## **US State Regulations**

## Pennsylvania Right To Know

 Titanium dioxide
 13463-67-7

 ethyleneglycol
 107-21-1

 carbon black
 1333-86-4

 talc
 14807-96-6

 Diethylene glycol
 111-46-6

listed

### **New Jersey Right To Know**

 Titanium dioxide
 13463-67-7

 ethyleneglycol
 107-21-1

 carbon black
 1333-86-4

 talc
 14807-96-6

listedSpecial Hazard.

# California Prop. 65

WARNING: This product can expose you to chemicals including carbon black, which is/are known to the State of California to cause cancer, and

, 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.

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

TSCA : On the inventory, or in compliance with the inventory

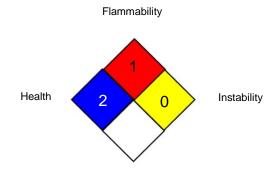
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#### **SECTION 16. OTHER INFORMATION**

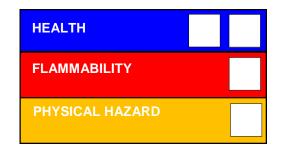
#### **Further information**

#### NFPA 704:



Special hazard

#### HMIS® IV:



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- : OSHA - Table Z-1-A (29 CFR 1910.1000)

OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 29 CFR 1910.1000 (Table Z- :

1)

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

USA. OSHA - TABLE Z-1 Limits for Air Contaminants -OSHA P0

1910.1000

USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-OSHA Z-1

its for Air Contaminants

OSHA Z-3 USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):

1-A) / TWA value

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

ACGIH / TWA 8-hour, time-weighted average Short-term exposure limit ACGIH / STEL

ACGIHTLV / STEL value Short Term Exposure Limit (STEL): ACGIHTLV / TWA value Time Weighted Average (TWA):

Ceiling Limit Value and Time Period (if specified): NIOSH / Ceil Time

Recommended exposure limit (REL): NIOSH / REL value

NIOSH REL / TWA Time-weighted average concentration for up to a 10-hour



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workday during a 40-hour workweek

NIOSH REL / C : Ceiling value not be exceeded at any time.

OSHA P0 / TWA : 8-hour time weighted average

OSHA P0 / C : Ceiling limit

OSHA Z-1 / TWA : 8-hour time weighted average OSHA Z-3 / 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 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: 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

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We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE



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