

## SDS Report

No. SHAEC1525317001

Date: Dec. 17, 2015

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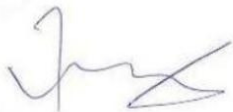
GOALMAC INTERNATIONAL LTD.  
ROOM 505, FUXIN INTERNATIONAL BUILDING, NO.359 HONGWU ROAD, NANJING, CHINA, 210002

SGS Ref. No. : SP15-040743-SH  
Sample Name : BLACK CHALK  
End Uses : MARKING CHALK FOR WOODWORKING  
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report  
Job Receiving Date : Dec 09, 2015  
Last Information Date : Dec 14, 2015  
SDS Preparation Period : Dec 09 ~ Dec 15, 2015

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Wei WANG, Terry  
Approved Signatory



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 12/15/2015

Reviewed on 12/14/2015

### 1 Identification

- **Product identifier**
- **Trade name:** **BLACK CHALK**
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** MARKING CHALK FOR WOODWORKING
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
GOALMAC INTERNATIONAL LTD.  
ROOM 505, FUXIN INTERNATIONAL BUILDING, NO.359 HONGWU ROAD, NANJING, CHINA, 210002  
Tel: 86-25-84671995  
E-mail: candywei@goalmac2007.com
- **Other US contact point:**  
Matthew Ponko  
Stanley Black & Decker  
1000 Stanley Drive New Britain, CT 06053  
Tel: 1-860-225-5111  
E-mail: Matthew.Ponko@sbdinc.com
- **Further information obtainable from:** GOALMAC INTERNATIONAL LTD.
- **Emergency telephone number:**  
Candy Wei  
Tel: 86-25-84671995
- 
- **Poison Center**  
Tel: +1 800 222 1222
- **Reference Number:** SP15-040743-SH; SHAEC1525317001

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **Information concerning particular hazards for human and environment:**  
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**  
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- 
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard-determining components of labeling:** Not applicable
- **Hazard statements** Not applicable
- **Precautionary statements** Not applicable
- **Hazards not otherwise classified (HNOC)** No further relevant information available.

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Composition:**

471-34-1	calcium carbonate	73.0%
1317-61-9	triiron tetraoxide	27.0%

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Trade name: **BLACK CHALK**

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### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth with water.  
Never give anything by mouth to an unconscious person.  
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub> extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**  
Wear fully protective suit.  
Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Avoid formation of dust.  
Use respiratory protective device against the effects of fumes/dust/aerosol.  
Avoid contact with eyes.  
Avoid contact with skin.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.

### 7 Handling and storage

- **Precautions for safe handling:**  
Thorough dedusting.  
Ensure good ventilation/exhaustion at the workplace.  
Keep receptacles tightly sealed.  
Keep away from heat and direct sunlight.  
Prevent formation of dust.  
Avoid contact with skin and eyes.  
For the general occupational hygienic measures refer to section 8.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.

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**Trade name: BLACK CHALK**

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- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Protect from humidity and water.  
Do not store together with acids.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

#### 471-34-1 calcium carbonate (73.0%)

PEL (America)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (America)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (America)	TLV withdrawn

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**
- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

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Trade name: **BLACK CHALK**

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### 9 Physical and chemical properties

· <b>General Information</b>	
· <b>Appearance:</b>	
Form:	Powder
Color:	Black
· Odor:	Weak odor
· Odor threshold:	Not available
· pH-value (50 g/l) at 25 °C:	8.9
· <b>Change in condition</b>	
Melting point/Melting range:	>350 °C
Freezing point:	Not available
Boiling point/Boiling range:	Not available
· Flash point:	Not available
· Flammability (solid, gaseous):	Not available.
· Auto-Ignition temperature:	Not available
· Decomposition temperature:	Not available
· <b>Explosion limits:</b>	
Lower:	Not available.
Upper:	Not available.
· Vapor pressure:	Not available
· Density:	Not available.
· Relative density	Not available.
· Vapor density	Not available
· Evaporation rate	Not available
· <b>Solubility in / Miscibility with</b>	
Water:	Slightly soluble.
· <b>Partition coefficient (n-octanol/water):</b> Not available	
· <b>Viscosity:</b>	
Dynamic:	Not available
Kinematic:	Not available
· <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No decomposition if used according to specification.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Exposure to moisture may affect product quality
- **Incompatible materials:** Acids
- **Hazardous decomposition products:**  
Hazardous decomposition products formed under fire conditions.  
Carbon oxides, Calcium oxides, Iron oxides

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### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**471-34-1 calcium carbonate**

Oral	LD50	6450 mg/kg (rat)
------	------	------------------

**1317-61-9 triiron tetraoxide**

Oral	LD50	>5000 mg/kg (rat)
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- **Primary irritant effect:**

- **Skin corrosion/irritation:** Irritating effect possible.

- **Serious eye damage/irritation:** Irritating effect possible.

- **Respiratory or skin sensitisation:** Sensitization possible.

- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

### 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:** Smaller quantities can be disposed of with household waste.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**

- **DOT, IMDG, IATA** Not applicable

- **UN proper shipping name**

- **DOT, IMDG, IATA** Not applicable

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· <b>Transport hazard class(es)</b>	
· <b>DOT, IMDG, IATA</b>	
· <b>Class</b>	Not applicable
· <b>Packing group</b>	
· <b>DOT, IMDG, IATA</b>	Not applicable
· <b>Environmental hazards</b>	Not applicable.
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	-

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogen categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

### 16 Other information

- \*\*\*\*\*  
The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

#### DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond

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· **Date of preparation / last revision** 12/15/2015 / -

· **Abbreviations and acronyms:**

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

· \*\*\*\*\*

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USA