

SDS Report

No. SHAEC1612242904

Date: Jul. 21, 2016

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GOALMAC INTERNATIONAL LTD.

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

Ref. No. : SP16-020332-SH
Sample Name : WHITE CHALK
End Uses : MARKING CHALK
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Jun 06, 2016
Last Information Date : Jun 13, 2016
SDS Preparation Period : Jun 06 ~ Jun 16, 2016

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 European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Safety data sheet
Regulation(EC) No. 1907/2006, 1272/2008

Printing date 18.07.2016

Revision: 15.06.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- Trade name: WHITE CHALK
- Article number: 1-47-405
- CAS Number:
1317-65-3
- EC number:
215-279-6
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Application of the substance / the mixture MARKING CHALK
- **1.3 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
- Only Representative / other EU contact point
Yves Collette
Stanley Black&Decker De Kleetlaan 5B/5C 1831 Diegem
Tel: +32 15 47 38 00
E-mail: yves.collette@sbdinc.com
- Further information obtainable from: GOALMAC INTERNATIONAL LTD.
- **1.4 Emergency telephone number:**
Candy Wei
Tel: 86-25-84671995
- UNITED KINGDOM
National Poisons Information Service
Tel: +44 (0) 344 892 0111 (for healthcare professional)
+44 (0) 845 46 47 (in England or Wales)
+44 (0) 8454 24 24 24 (in Scotland)
- **1.5 Reference Number:** SP16-020332-SH; SHAEC1612242904

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008
The substance is not classified according to the CLP regulation.
- Information concerning particular hazards for human and environment:
The product has not to be labelled due to the calculation procedure of Regulation 1272/2008/EC.
- Classification system:
The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.
- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008 Not applicable
- Hazard pictograms Not applicable
- Signal word Not applicable
- Hazard-determining components of labelling: Not applicable
- Hazard statements Not applicable
- Precautionary statements Not applicable
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable

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SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Description**
1317-65-3 Limestone
- **Identification number(s)**
- **EC number: 215-279-6**
- **Remark: This product contains substance Limestone (CAS No.1317-65-3) 100% by weight.**

SECTION 4: First aid measures

- **4.1 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.
- **4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.**
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture No further relevant information available.**
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 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.
- **6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.**
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 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 fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 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.
 - Do not store together with acids.
 - Protect from humidity and water.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:**

| |
|--|
| 1317-65-3 Limestone (100%) |
| VME (France) Long-term value: 10 mg/m ³ |
 - **DNELs:** Data not available
 - **PNECs:** Data not available
 - **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
 - **Based on 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:**
 - **Respiratory protection:** 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.

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· **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

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **Appearance:**

Form: Powder

Colour: White

· Odour: Odourless

· Odour threshold: Data not available.

· pH-value: Data not available

· **Change in condition**

Melting point/Melting range: Data not available.

Boiling point/Boiling range: Data not available

· Freezing point: Data not available

· Flash point: Data not available

· Flammability (solid, gaseous): Data not available

· Auto-Ignition temperature: Data not available

· Decomposition temperature: Date not available.

· Self-igniting: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Data not available.

Upper: Data not available.

· Oxidising properties: Data not available.

· Vapour pressure: Date not available.

· Density: Data not available.

· Relative density: Data not available.

· Vapour density: Date not available.

· Evaporation rate: Data not available

· Solubility in / Miscibility with water:

Data not available

· Partition coefficient (n-octanol/water): Data not available.

· **Viscosity:**

Dynamic: Data not available

Kinematic: Data not available

· **9.2 Other information**

No further relevant information available.

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SECTION 10: Stability and reactivity

- **10.1 Reactivity** No decomposition if used according to specification.
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Acids
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** Data not available
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.

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

SECTION 14: Transport information

- | | |
|--|--|
| · 14.1 UN-Number · ADR,RID,ADN, IMDG, IATA | Not applicable |
| · 14.2 UN proper shipping name · ADR,RID,ADN, IMDG, IATA | Not applicable |
| · 14.3 Transport hazard class(es) · ADR,RID,ADN, IMDG, IATA · Class | Not applicable |
| · 14.4 Packing group · ADR,RID,ADN, IMDG, IATA | Not applicable |
| · 14.5 Environmental hazards | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · 14.8 Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | - |

SECTION 15: Regulatory information

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

- **MAK (German Maximum Workplace Concentration)**

Substance is not listed.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **National regulations:**
- **Waterhazard class: Water hazard class 1 (Self-assessment):** slightly hazardous for water.
- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (20/6/2016)**

Substance is not listed.

- **REACH Regulation Annex XVII Restriction (24/6/2016)**

See Section 16 for information about restriction of use.

Substance is not listed.

- **REACH Regulation Annex XIV Authorization List (14/8/2014)**

Substance is not listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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