

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Dry Slide (12 per Case)

Alternate Names:

Product Part Number 62-860210-600

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Scouring powder for bowling lanes for professional use.

1.3. Details of the supplier of the safety data sheet:

Brunswick Bowling Products, LLC

525 W. Laketon Ave.

Muskegon, MI 49441. USA

1.3.1. Responsible person: -

E-mail: brunswick.hu@brunswickbowling.com

1.4. Emergency telephone number:

24- hour Emergency Telephone No.: CHEMTEL +1 813-248-0585

Customer Service: Brunswick Bowling Products, LLC: 231-725-4966

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Classification according to Regulation 1272/2008/EC (CLP):

Not considered as hazardous mixture.

Warning **H statements:** none.

2.2. Label elements:

No labelling required.

Warning **H statements:** none.

Precautionary **P statements:** none.

2.3. Other hazards:

The product has no other known specific hazards for human or environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

Not applicable.

3.2. Mixture:

Description	CAS number	EC number	REACH reg. nr.	Conc. (%)	Classification: 1272/2008/EC (CLP)		
					Hazard pict.	Hazard cat.	H phrase
Talc (Mg₃H₂(SiO₃)₄)* [1][2]	14807-96-6	238-877-9	-	50-75	-	-	-
Pregelatinized Starch* [1][2]	9005-25-8	-	-	25-50	-	-	-

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*: Substance classified by the manufacturer or substance which has no obligatory classification according to the EU regulations.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

For the full text of H phrases: see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

IN CASE OF INGESTION:

Measures:

- Rinse mouth. Drink one to two glasses of water.
- Call a physician or Poison Control Centre if irritation occurs.

IN CASE OF INHALATION:

Measures:

- Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration.
- If unconscious place in the recovery position and obtain immediate medical attention.
- Give nothing by mouth.

IN CASE OF SKIN CONTACT:

Measures:

- Remove contaminated clothing.
- Wash skin thoroughly with soap and water or use a recognized skin cleanser

IN CASE OF EYE CONTACT:

Measures:

- Rinse cautiously with water for several minutes.
- Remove contact lenses if present and easy to do.
- Continue rinsing. If eye irritation persists, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed:

Overview:

No data available.

4.3. Indication of any immediate medical attention and special treatment needed:

Notes to Physician:

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

5.1.1. Suitable extinguishing media:

Foam, CO₂, Dry Chemical.

5.1.2. Unsuitable extinguishing media:

No data available.

5.2. Special hazards arising from the substance or mixture:

Hazardous decomposition: Thermal decomposition can lead to release of irritating gases and vapours.

5.3. Advise for firefighters:

Keep containers tightly closed.

As in any fire, wear self-contained breathing apparatus pressure-demand, approved and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Keep unprotected people away, allow only well trained experts wearing suitable protective clothing to abide in the field of accident.

6.1.2. For emergency responders:

Eliminate sources of ignition. Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid inhalation and ingestion and contact. Do not take internally.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse

6.2. Environmental precautions:

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up:

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers

outside buildings and dispose of according to the Waste Regulations. (See section 13). Clean preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

6.4. Reference to other sections:

For further and detailed information see section 8 and 13.

SECTION 7: HANDLING AND STORAGE7.1. Precautions for safe handling:

Observe conventional hygiene precautions.

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists.

Technical measures:

No special measures required.

Precautions against fire and explosion:

Keep away from open flames, hot surfaces and sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage condition:

Handle containers carefully to prevent damage and spillage.

Keep container tightly closed in a dry, cool and well-ventilated place.

Incompatible materials: No data available.

Packaging material: no special measures.

7.3. Specific end use(s):

No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION8.1. Control parameters:

Occupational exposure limit values:

Talc (CAS: 14807-96-6): respirable dust:

Total inhalable dust: 8-hour reference period: : - ppm; 10 mg/m³

Respirable dust: 15 minute reference period: : - ppm; 0,8 mg/m³

Starch (CAS: 9005-25-8):

Total inhalable dust: 8-hour reference period: : - ppm; 10 mg/m³

Respirable dust: 15 minute reference period: : - ppm; 4 mg/m³

DNEL		Routes of exposure	Exposure frequency:	Remarks:
Worker	Consumer			
no data available	no data available	Dermal	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Inhalative	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Oral	Short term (acute) Long term (repeated)	no data available

PNEC			Exposure frequency:	Remarks:
Water	Soil	Air		
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available

8.2. Exposure controls:

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1 Appropriate engineering controls:

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.

Engineering Controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices:

Provide eye bath and safety shower. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

8.2.2. Individual protection measures, such as personal protective equipment:

1. Eye/face protection: Safety glasses with side shields.
2. Skin protection:
 - a. Hand protection: Chemical resistant gloves (where risk of splashing)
 - b. Other: Chemical resistant gauntlets, boots and apron (where risk of splashing)
3. Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
4. Thermal hazard: none known.

8.2.3. Environmental exposure controls:

No specific prescription.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions an expert's advice should be sought out before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Parameter	Test method:	Remarks:
1. Appearance:		White Powder
2. Odour:		Not determined
3. Odour threshold:		Not determined
4. pH:		Not measured
5. Melting point/ freezing point:		Not measured
6. Initial boiling point and boiling range:		Not measured
7. Flash point:		Not flammable.
8. Evaporation rate:		Not measured
9. Flammability (solid, gas):		Not applicable
10. Upper/lower flammability or explosive limits:		Not Applicable
11. Vapour pressure (Pa):		Not measured
12 Vapour density:		Not measured
13. Relative density:		2.77
14. Solubility(ies):		solubility in water: negligible
15. Partition coefficient: n-octanol/water:		Not measured
16. Auto-ignition temperature:		Not measured
17. Decomposition temperature:		Not measured
18. Viscosity:		Not measured
19. Explosive properties:		Not measured
20. Oxidizing properties:		Not measured

9.2. Other information:

Density: 2.76 g/cm³

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Hazardous polymerization will not occur.

10.2. Chemical stability:

Stable under normal circumstances.

10.3. Possibility of hazardous reactions:

No data available.

10.4. Conditions to avoid:

Avoid dust formation.

10.5. Incompatible materials:

No data available.

10.6. Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: TOXICOLOGICAL INFORMATION11.1. Information on toxicological effects:

Acute toxicity: none known.
 Skin corrosion/irritation: none known.
 Serious eye damage/irritation: none known.
 Respiratory or skin sensitisation: none known.
 Germ cell mutagenicity: none known.
 Carcinogenicity: none known.
 Reproductive toxicity: none known.
 STOT-single exposure: none known.
 STOT-repeated exposure: none known.
 Aspiration hazard: none known.

11.1.1. For substances subject to registration, brief summaries of the information derived from the test conducted:

No data available.

11.1.2. Relevant toxicological properties of the hazardous substances:

Information about the components:

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
TALC (Mg ₃ H ₂ (SiO ₃) ₄) - (CAS: 14807-96-6)	No data available	No data available	No data available	No data available	No data available
Pregelatinized Starch - (CAS: 9005-25-8)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Carcinogen data:

Ingredient	Source	Value
TALC (Mg ₃ H ₂ (SiO ₃) ₄) - (CAS: 14807-96-6)	OSHA	Select Carcinogen: No
	NTP	Known: No; Suspected: No
	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Pregelatinized Starch - (CAS: 9005-25-8)	OSHA	Select Carcinogen: No
	NTP	Known: No; Suspected: No
	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

11.1.3. Information on likely routes of exposure:

Ingestion, inhalation, skin contact, eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

No data available.

11.1.6. Interactive effects:

No data available.

11.1.7. Absence of specific data:

No information.

11.1.8. Other information:

No data available.

SECTION 12: ECOLOGICAL INFORMATION12.1. Toxicity:**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, g/l
TALC (Mg ₃ H ₂ (SiO ₃) ₄) - (CAS: 14807-96-6)	Not Available	Not Available	Not Available
Pregelatinized Starch - (CAS: 9005-25-8)	Not Available	Not Available	Not Available

- 12.2. Persistence and degradability:
There is no data available on the mixture itself.
- 12.3. Bioaccumulative potential:
Not Measured.
- 12.4. Mobility in soil:
No data available.
- 12.5. Results of PBT and vPvB assessment:
This product contains no PBT/vPvB chemicals.
- 12.6. Other adverse effects:
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods:
Disposal according to the local regulations.
- 13.1.1. Information regarding the disposal of the product:
No special recommendation from the manufacturer.
European Waste Code:
For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The European waste code number has to be determined after a discussion with a specialist dealing with waste disposal.
- 13.1.2. Information regarding the disposal of the packaging:
Dispose according to the relevant regulations.
- 13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:
None known.
- 13.1.4. Sewage disposal:
None known.
- 13.1.5. Special precautions for any recommended waste treatment:
No data available.

SECTION 14: TRANSPORT INFORMATION

Not dangerous good in sense of the transport regulations.

- 14.1. UN Number:
None.
- 14.2. UN proper shipping name:
None.
- 14.3. Transport hazard class(es):
None.
- 14.4. Packing group:
None.
- 14.5. Environmental hazards:
Marine Pollutant: no.
- 14.6. Special precautions for user:
No relevant information available.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission

Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment: no information available.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet: none.

Full text of the abbreviations in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: carcinogenicity, mutagenicity and toxicity for reproduction. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent, Very Bioaccumulative. n.d.: not defined. n.a.: not applicable.

Data sources: safety data sheet (23. 03. 2016, v2)

Methods used for the classification according to Regulation 1272/2008/EC: not classified.

Relevant H-Phrases (number and full text) of Section 2 and 3: none.

Training advice: no data available.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by: ToxInfo Kft.

Professional help regarding the explanation of the safety data sheet:
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