

## SAFETY DATA SHEET

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

- 1.1. Product identifier:  
**Crown Factory Compound**
- 1.2. Relevant identified uses of the mixture and uses advised against:  
Bowling ball cleaner for professional use. Polishing Compound.
- 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](mailto: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 mixture:  
  
Classification according to Regulation 1272/2008/EC (CLP):  
  
**Not considered as hazardous mixture.**  
  
Warning **H statements:** none.
- 2.2. Label elements:  
  
Warning **H statements:** none.  
  
Precautionary **P statements:**  
**P102** – Keep out of reach of children.  
**P261** – Avoid breathing dust/ fume/gas/mist/ vapours/spray.  
**P280** – Wear protective gloves, eye protection/face protection.  
  
**EUH 210** – Safety data sheet available on request.
- 2.3. Other hazards:  
May be harmful if swallowed or if inhaled.  
May cause an allergic skin reaction.  
Results of PBT and vPvB assessment: no data available.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substance:  
Not applicable.
- 3.2. Mixture:

Description	CAS number	EU number/ ECHA list number	REACH reg. nr.	Conc. (%)	Classification: 1272/2008/EC (CLP)		
					Hazard pict.	Hazard cat.	H phrase
<b>Water*</b>	7732-18-5	231-791-2	-	35 - 45	-	not classified	-
<b>Silica, Amorphous*</b>	7631-86-9	231-545-4	-	15 - 25	-	not classified	-
<b>Kaolin**/**</b>	1332-58-7	310-194-1	-	5 - 10	-	not classified	-

<b>Pumice*</b>	1332-09-8	603-719-3	-	5 - 10	-	not classified	-
<b>Ethyl Alcohol**</b>	64-17-5	200-578-6	-	1 - 5	GHS02 Danger	Flam. Liq. 2	H225
<b>Mineral Oil (usp Grade)*</b>	8042-47-5	232-455-8	-	5 - 10	GHS08 Danger	Asp. Tox. 1	H304
<b>Siloxanes And Silicones, Di-me*</b>	63148-62-9	613-156-5	-	1 - 6	-	not classified	-
<b>Mixture Of Surfactants*</b>	-	-	-	3 - 8	-	not classified	-

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

\*\* : Substance having occupational exposure limit.

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

#### SECTION 4: FIRST AID MEASURES

##### 4.1. Description of first aid measures:

###### IN CASE OF INGESTION:

Measures:

- Get immediate medical attention.
- Do not induce vomiting unless instructed to do so by poison centre or physician.

###### IN CASE OF INHALATION:

Measures:

- If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

###### IN CASE OF SKIN CONTACT:

Measures:

- Wash the skin surface with plenty of water and soap.
- Get medical attention if irritation develops or persists.

###### IN CASE OF EYE CONTACT:

Measures:

- Immediately flush with water holding eyelids apart and moving the eyeballs.
- Get medical attention, if irritation persists.

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

EYES: Irritation, redness, watering eyes.

SKIN: Irritation, redness.

INGESTION: May be harmful if swallowed and enters airways.

INHALATION: May cause respiratory irritation.

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

No data available.

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1. Extinguishing media:

###### 5.1.1. Suitable extinguishing media:

Use alcohol foam, carbon dioxide when fighting fires involving this material.

###### 5.1.2. Unsuitable extinguishing media:

DO NOT use water spray as it will spread the fire.

##### 5.2. Special hazards arising from the substance or mixture:

Not combustible. In case of fire, oxides of carbon, sulphur.

##### 5.3. Advise for firefighters:

Fight fire with normal precautions from a reasonable distance.

Wear full protective clothing and self-contained breathing apparatus (MSHA/NIOSH approved or equivalent).

#### 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:

No special precautions required.

- 6.2. **Environmental precautions:**  
Dispose the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.
- 6.3. **Methods and material for containment and cleaning up:**  
SMALL SPILL: Pick up wash liquid with additional absorbent and place in a disposable container.  
LARGE SPILL: Dike area in front of spill and contain for appropriate disposal.
- 6.4. **Reference to other sections:**  
For further and detailed information see section 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

- 7.1. **Precautions for safe handling:**  
Observe conventional hygiene precautions.  
Technical measures:  
No special precautions required.  
Precautions against fire and explosion:  
No special measures required.
- 7.2. **Conditions for safe storage, including any incompatibilities:**  
Technical measures and storage condition:  
Store in a dry place.  
Store in a closed container.  
Incompatible materials: see section 10.5.  
Packaging material: no special prescriptions.
- 7.3. **Specific end use(s):**  
No specific instructions available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1. **Control parameters:**

Occupational exposure limit values:

**Kaolin** (CAS: 1332-58-7): 8 hours: 2 mg/m<sup>3</sup>**Ethyl Alcohol** (CAS: 64-17-5): 15 minutes: 1000 ppm

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.  
Local exhaust ventilation may be necessary to control any air contaminants to within their exposure limits during the use of this product.  
Wash hands before eating and wash before reuse.
- 8.2.2. **Individual protection measures, such as personal protective equipment:**  
1. **Eye/face protection:** use appropriate protective glasses (EN 166). Eye protection can mitigate potential irritation from mist / spray.

2. Skin protection:
    - a. Hand protection: individuals with sensitive skin should wear gloves when handling (EN 374).
    - b. Other: use appropriate protective clothing as required.
  3. Respiratory protection: in case of inadequate ventilation wear respiratory protection.
  4. Thermal hazards: 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. <b>Appearance:</b>		opaque, viscous emulsion
2. <b>Odour:</b>		mild
3. Odour threshold:		no data available*
4. pH value:		~ 7-9
5. Melting point/ freezing point:		no data available*
6. Initial boiling point and boiling range:		no data available*
7. Flash point:		> 93,3 °C (200 °F)
8. Evaporation rate:		no data available*
9. Flammability (solid, gas):		no data available*
10. Upper/lower flammability or explosive limits:		no data available*
11. Vapour pressure:		no data available*
12 Vapour density:		no data available*
13. Relative density:		1,2-1,3
14. Solubility(ies):		miscible with water
15. Partition coefficient: n-octanol/water:		no data available*
16. Auto-ignition temperature:		no data available*
17. Decomposition temperature:		no data available*
18. Viscosity:		no data available*
19. Explosive properties:		no data available*
20. Oxidizing properties:		no data available*

### 9.2. Other information:

Percent volatile: 70-80

VOC: ~ 10000 - 20000 g/l

\*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet.

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:  
None known.
- 10.2. Chemical stability:  
Stable within normal temperature and general work conditions.
- 10.3. Possibility of hazardous reactions:  
See Section 10.5.
- 10.4. Conditions to avoid:  
Temperatures below 0 °C/32 °F or above 37 °C/100°F.
- 10.5. Incompatible materials:  
Oxidizing agents, reducing agents, strong acids or alkali.
- 10.6. Hazardous decomposition products:  
See section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects:**

Acute toxicity: Based on available data, the classification criteria are not met.  
Skin corrosion/irritation: Based on available data, the classification criteria are not met.  
Serious eye damage/eye 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.

**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:**

No data available.

**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:**

Moderately irritating to eyes.

Causes mild skin irritation.

May cause an allergic skin reaction.

May be harmful if swallowed or if inhaled.

**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 INFORMATION****12.1. Toxicity:**

No data available.

**12.2. Persistence and degradability:**

No data available.

**12.3. Bioaccumulation potential:**

No data available.

**12.4. Mobility in soil:**

No data available.

**12.5. Results of PBT and vPvB assessment:**

No data available.

**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:**

Always check with local authorities regarding disposal of chemical products.

FOR LARGE SPILLS: Dike area in front of spill and contain for appropriate disposal.

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:**

Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

**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. Packaging group:  
None.
- 14.5. Environmental hazards:  
No relevant information available.
- 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)
- REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- 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 (10. 05. 2016., version 2.) issued by the manufacturer.

Methods used for the classification according to Regulation 1272/2008/EC: based on the calculation method carried out on the basis of the known hazards of the components, not considered as hazardous mixture.

Relevant H-Phrases (number and full text) of Section 2 and 3:

**H225** – Highly flammable liquid and vapour.

**H304** – May be fatal if swallowed and enters airways.

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:  
+36 70 335 8480; [info@msds-europe.com](mailto:info@msds-europe.com)