

**Safety Data Sheet**  
required under OSHA's Hazard Communication Standard 29CFR  
1910.1200

Printing date 09/17/2018

Reviewed on 09/17/2018

**1 Identification**

- **Trade name:** **BRUYNZEEL FELT-TIPS, all colors**
- **Article number:** **60224012** (EAN 8712079413439), **60224112** (EAN 8712079413422)
- **Manufacturer/Supplier:**  
Royal Talens  
P.O.Box 4, Apeldoorn, The Netherlands 7300AA
- **USA-distributor:**  
Royal Talens North America, Inc.  
30 Industrial Drive, Northampton, MA 01060  
tel. +1- 413-300-1899
- **Information department:** [info.na@royaltalens.com](mailto:info.na@royaltalens.com)

**2 Hazard(s) identification**

- **Hazard warning in accordance with US Labeling of Hazardous Art Materials Act / Federal Hazardous Substances Act:**
- **Hazard statements** No health labeling required

**3 Composition/information on ingredients**

- **Dangerous components:**  
This product is not considered to be a hazardous chemical (or to contain hazardous chemicals) based on evaluations made by our company under the OSHA Hazardous Communication Standard, 29 C.F.R. section 1910.1200

**4 First-aid measures**

Not relevant

**5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents:** Not applicable
- **Special hazards arising from the substance or mixture** No further relevant information available.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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## Safety Data Sheet

MSDS for #22375 - BRUNZLETT TP MKRS  
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**7 Handling and storage**

- **Precautions for safe handling:** No special measures required.

**8 Exposure controls/personal protection**

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**9 Physical and chemical properties for ink**

· <b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Color:</b>	According to product specification
· <b>Odor:</b>	Characteristic
· <b>pH-value:</b>	Not applicable.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	100 °C (212 °F)
· <b>Flash point:</b>	>100 °C (>212 °F)
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Explosion limits:</b>	
<b>Lower:</b>	2.6 Vol %
<b>Upper:</b>	12.6 Vol %
· <b>Density:</b>	Not determined.
· <b>Vapor density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.

**10 Stability and reactivity**

- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No decomposition if used according to specifications.

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**11 Toxicological information**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

7757-83-7 sodium sulphite

Oral LD50 820 mg/kg (mouse)

497-19-8 sodium carbonate

Oral LD50 4,090 mg/kg (rat)

· **Carcinogenic categories:**· **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.· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**13 Disposal considerations**· **Recommended cleansing agent:** Water, if necessary with cleansing agents.**14 Transport information**· **UN-Number** Not applicable.· **DOT** Void· **Transport hazard class(es)** Not applicable· **DOT, ADR, ADN, IMDG, IATA**· **Class** Void· **Packing group** None.· **DOT, ADR, IMDG, IATA** Void· **UN "Model Regulation":** Void**15 Regulatory information**· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

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**16 Other information**

*Certified to be labeled in accordance with the chronic hazard labeling standard, ASTM D 4236 and Federal law, P.L. 100-695.*

*- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*· **Date of preparation / last revision** 09/17/2018 / -*

*· **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*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*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*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

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