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## Material Safety Data Sheet

### Prang Brush Pens

#### 1. Chemical product and Company Identification

Company Identification: Dixon Ticonderoga Company  
195 International Parkway  
Heathrow, FL 32746-5036  
Telephone: 800-824-9430

Date prepared: 8/11/2010  
Last revised:

Product Name: Prang Brush Pens  
Product Code(s): 80001, 80002, 80003, 80005

Emergency call: 800-824-9430

#### 2. Composition/Information On Ingredients

##### Chemical characterization

Mixture of the following substances, containing non-hazardous substances and colouring agents.

##### Description:

registration numbers refer to the list attached to this MSDS.

#### 3. Hazards Identification

Hazard description: Not applicable

##### Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

##### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

##### Dangerous components:

Component	CAS Reg. No	Percent Weight
ethanol	CAS: 64-17-5 EINECS: 200-578-6	2.5-10%
ethanediol	CAS: 107-21-1 EINECS: 203-473-3	2.5-10%
ammonia	CAS: 1336-21-6 EINECS: 215-647-6	<1.0%

##### Additional information:

For the wording of the listed risk phrases refer to section 16.

#### 4. First Aid Measures

**Eye Contact:** Rinse opened eye for several minutes under running water.  
**Skin Contact:** Generally the product does not irritate the skin.  
**Ingestion:** If symptoms persist consult doctor.  
**Inhalation:** Supply fresh air ;consult doctor in case of complaints.

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**5. Fire Fighting Measures**

Extinguishing Media: CO<sub>2</sub>, powder or spray. Fight larger fires with water spray or alcohol resistant foam.

Special Fire Fighting Procedures: No special measures required.

**6. Accidental Release Measures**

Person-related safety precautions: Not required.

Measures for environmental protection:

Dilute with plenty of water. Do not allow to enter sewers, surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: No dangerous substances are released.

**7. Handling and Storage**

Handling:

Information for safe handling: No special measures required.

Information about fire and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

**8. Exposure Controls/Personal Protection**

Additional information about design of technical facilities:

No further data: see item 7.

Ingredients with limit values that require monitoring at the workplace:

ethanediol	107-21-1	2.5-10%	
IOELV	Short-term value: 104 mg/m <sup>3</sup> , 40 ppm		
	Long-term value: 52 mg/m <sup>3</sup> , 20 ppm		
	Skin		

Additional information: The lists valid during the making were used as basis.

Personal protection:

The usual precautionary measures are to be adhered to when handling chemicals.

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

Respiratory precaution: Not required.

**9. Physical and Chemical Properties**

Physical State: Fluid

Color: According to product specification

Odor: Characteristic

pH: 9.3 at 20 degrees C

Flash point: 88 degrees C

Ignition temperature: 425 degrees C

Self-igniting: Product is not self igniting.

Vapor pressure at 20

degrees C: 59 hPa

Boiling point: 100 degrees C

Freezing/melting

point: Undetermined

Danger of explosion: Product does not present an explosion hazard.

Evaporation rate:

Solubility: Fully soluble

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**10. Stability and Reactivity**

**Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known.

**Hazardous decomposition:** No hazardous decomposition products known.

#### **11. Toxicological Information**

**Acute/Chronic Toxicity:** No effects known.

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest versio. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

#### **12. Ecological Information**

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.

#### **13. Disposal Considerations**

Contain and place in approved container. Dispose of per Local, State, and Federal regulations

#### **14. Transportation Information**

<b>DOT Classification:</b> Not regulated	<b>UN/NA Number:</b>	Not regulated
<b>TDG Classification:</b> Not regulated	<b>IMO/IMDG Classification:</b>	Not regulated
<b>ADR/RID Classification:</b> Not regulated	<b>ICAO/IATA Classification:</b>	Not regulated

#### **15. Regulatory Information**

OSHA Hazard Communication

Status

Toxic Substances Control Act (TSCA) Status

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

#### **16. Other Information**

For further product safety information call  
800-824-9430

Today's Date: 8/11/2010

This information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or results obtained from the use thereof. Dixon Ticonderoga company assumes no responsibility for personal damage caused by the product. Users assume all risks associated with use.

**DIXON**