

# ThredOn QC 2000

## Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or mixture

**Product Name:** ThredOn QC 2000  
**Product Use:** Metal coating  
**Manufacturer:** South Coast Products  
20 Southbelt Industrial Dr  
Houston, TX 77047 USA  
+1 713 225 0048

**Emergency telephone number:** +1 813 248 0585, 24 hours  
Refer to code 0929

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin irritation (category 2)  
Eye irritation (category 2A)

#### GHS label elements

##### Symbol(s)



##### Signal Word

Warning

##### Hazard statements

H315 – Causes skin irritation  
H319 – Causes serious eye irritation

##### Precautionary statements

P280 – Wear protective gloves/eye protection/face protection.  
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 – If skin irritation occurs, get medical advice/attention.  
P337 + P313 – If eye irritation persists, get medical advice/attention.

# ThredOn QC 2000

## Safety Data Sheet



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Waterborne acrylic coating

#### Hazardous components

Component	Concentration
<b>2-Butoxyethanol</b> CAS-No. 111-76-2 EC-No. 203-905-0	5-15%
<b>Propylene glycol</b> CAS-No. 57-55-6 EC-No. 200-338-0	1-5%

### 4. FIRST AID MEASURES

- General:** If exposed or concerned, get medical attention or advice and show this safety data sheet to doctor in attendance.
- Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur.
- Inhalation:** Move exposed person to fresh air. If breathing is irregular or stopped, give artificial respiration. Get medical attention if symptoms develop and persist.
- Ingestion:** Do not induce vomiting and give large quantities of water. Get medical attention.

#### **Special treatment:**

Notes to physician: Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

- General hazards:** Material will burn if heated. May produce toxic gases.
- Suitable media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable:** Do not use water jet.
- Combustion products:** Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.
- Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Wear appropriate personal protection equipment (see section 8).
- Environmental precautions:** Keep away from sources of ignition. Recover free product with nonsparking tools. Use suitable adsorbent (clay) and dispose of material in accordance with all regulations. Keep product out of sewers

# ThredOn QC 2000

## Safety Data Sheet



and watercourses, prevent soil penetration. Advise authorities if large amounts of product enter waterways or extensive land areas.

### 7. HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.

**Storage:** Keep away from sources of ignition. Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C, away from strong oxidizers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Chemical name	CAS no.	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111-76-2	50 ppm TWA	20 ppm TWA
Propylene glycol	57-55-6	10 mg/m <sup>3</sup>	not established

**Engineering controls:** Use with adequate ventilation.

**Eye/face protection:** Safety glasses or goggles. Ensure eye bath is to hand.

**Hand protection:** Solvent resistant gloves if prolonged or repeated contact is unavoidable. Nitrile gloves are recommended.

**Skin protection:** No additional protection required beyond normal industrial attire is required.

**Respiratory protection:** NIOSH approved respirator for organic vapors if ventilation is insufficient.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odor:** Black viscous liquid, solvent odor

**pH:** No data

**Boiling range:** 100-254°C (212-489°F)

**Flash point:** 100°C (212°F) (Tag closed cup)

**Evaporation rate:** Slower than ether

**Upper flammability limit:** No data

**Lower flammability limit:** No data

**Vapor pressure:** No data

**Vapor density:** Heavier than air

**Relative density:** 1.0

**Solubility:** Soluble in water

**Viscosity:** No data

**Percent volatile by volume:** 74.7%

**VOC content:** 76.7 g/L

# ThredOn QC 2000

## Safety Data Sheet



### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable  
**Conditions to avoid:** Extreme heat, open flames, welding arcs, resistance heaters  
**Incompatible materials:** Strong oxidizers  
**Hazardous decomposition products:** Carbon monoxide, carbon dioxide

### 11. TOXICOLOGICAL INFORMATION

#### Potential acute health effects

##### **Acute toxicity:**

##### ***2-Butoxyethanol***

LD50 Oral – rat – 470 mg/kg

LC50 Inhalation – rat – 4 h – 450 ppm

Remarks: Behavioral: ataxia. Nutritional and gross metabolic: Weight loss or decreased weight gain.

LD50 Dermal – rabbit – 220 mg/kg

##### ***Propylene glycol***

LD50 Oral – rat – 20,000 mg/kg

LD50 Dermal – rabbit – 20,800 mg/kg

##### **Skin corrosion/irritation:**

##### ***2-Butoxyethanol***

Skin – rabbit. Result: Open irritation test

##### ***Propylene glycol***

Skin – human – Mild skin irritation – 7 d

##### **Serious eye damage/eye irritation:**

##### ***2-Butoxyethanol***

Eyes – rabbit. Result: Moderate eye irritation – 24 h

##### ***Propylene glycol***

Eyes – rabbit – mild eye irritation

#### Potential chronic health effects

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity:** No data available

##### **Carcinogenicity:**

IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (**2-butoxyethanol**)

NTP, OSHA: No component present at levels greater than or equal to 0.1% is known or anticipated carcinogen.

**Reproductive toxicity:** No ingredients known to have reproductive effects

**STOT repeated exposure:** No known target organ effect from repeated exposure

### 12. ECOLOGICAL INFORMATION

# ThredOn QC 2000

## Safety Data Sheet



### Ecotoxicity:

#### **2-Butoxyethanol**

Toxicity to fish: LC50 – other fish – 220 mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50 – Daphnia magna (water flea) – 1815 mg/l – 24 h

#### **Propylene glycol**

Toxicity to fish: mortality NOEC – Pimephales promelas (fathead minnow) – 52,930 mg/l – 96 h

Toxicity to daphnia and other aquatic invertebrates: mortality NOEC – Daphnia – 13,020 mg/l – 48 h

EC50 – Daphnia magna (water flea) – >10,000 mg/l – 48 h

<b>Persistence/degradability:</b>	No data available
<b>Bioaccumulation:</b>	No data available
<b>Mobility:</b>	No information available
<b>Results of PBT assessment:</b>	No information available
<b>Other adverse effects:</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of as hazardous waste via licensed waste disposal operator. Follow all applicable regulations.

## 14. TRANSPORT INFORMATION

<b>DOT (US):</b>	Not regulated
<b>IMDG:</b>	Not regulated
<b>IATA:</b>	Not regulated

## 15. REGULATORY INFORMATION

### US Regulations

No ingredient in this product is subject to the reporting requirements of SARA Section 302 (40 CFR 355 Appendix A) or CERCLA (40 CFR 302.4)

**SARA 313 Components:** 2-Butoxyethanol, CAS-No. 111-76-2.

### State Regulations

**California Prop 65:** No ingredients listed.

**Massachusetts Right to Know:** 2-Butoxyethanol, CAS-No. 111-76-2

**New Jersey Right to Know:** 2-Butoxyethanol, CAS-No. 111-76-2; Propane-1,2-diol, CAS-No. 57-55-6

**Pennsylvania RTK Hazardous Substances:** 2-Butoxyethanol, CAS-No. 111-76-2; Propane-1,2-diol, CAS-No. 57-55-6

**United States inventory (TSCA):** All ingredients listed or exempt.

# ThredOn QC 2000 Safety Data Sheet



## International regulations

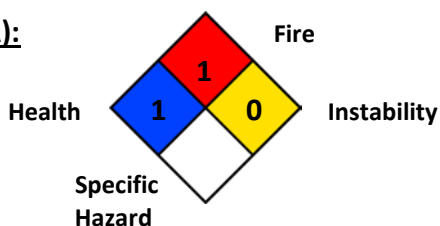
**Canada: WHMIS Classification:** D2B: Irritating to skin/eyes. **WHMIS:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. **Canada Domestic Substances List:** All ingredients listed or exempt.

## 16. OTHER INFORMATION

### Hazardous Material Information System (USA):

HEALTH	2
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

### National Fire Protection Association (USA):



**Revision information:** Original GHS issue.

**END OF SAFETY DATA SHEET**