

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                     |                              |                  |                        |
|---------------------|------------------------------|------------------|------------------------|
| <b>PRODUCT NAME</b> | SSS ROYAL TOUCH POWDER BREAK |                  |                        |
| <b>PRODUCT CODE</b> | 17015                        | MANUFACTURED FOR | Triple S               |
| <b>ISSUE DATE</b>   | 06/07/01                     | STREET ADDRESS   | 2 Executive Park Drive |
| <b>SUPERCEDES</b>   | 03/28/01                     | CITY, STATE ZIP  | Billerica, MA 01862    |
|                     |                              | PHONE            | (978) 667 7900         |

**EMERGENCY TELEPHONE NUMBER**  
1-800-535-5053

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

| HAZARDOUS<br>INGREDIENTS | CAS No.   | OSHA<br>PEL/TLV     | EXPOSURE LIMITS     |      | OTHER<br>LIMITS |
|--------------------------|-----------|---------------------|---------------------|------|-----------------|
|                          |           |                     | ACGIH TLV           | STEL |                 |
| Sodium hydroxide         | 1310-73-2 | 2 mg/m <sup>3</sup> | 2 mg/m <sup>3</sup> | N/A  | N/A             |
| Sodium metasilicate      | 6834-92-0 | NE                  | NE                  | NE   | N/A             |

## SECTION 3 – HAZARDS IDENTIFICATION

|                           |   |
|---------------------------|---|
| <b>EMERGENCY OVERVIEW</b> | Causes eye and skin irritation. May cause severe burns.<br>Harmful if swallowed<br>Harmful if inhalation exposure limits are exceeded |
|---------------------------|---|

|                                 |   |
|---------------------------------|---|
| <b>POTENTIAL HEALTH EFFECTS</b> |   |
| <b>INGESTION</b> .....          | Irritation or burning to mucous membranes |
| <b>INHALATION</b> .....         | Irritation or burning to mucous membranes |
| <b>EYE CONTACT</b> .....        | Irritation or burning                     |
| <b>SKIN CONTACT</b> .....       | Irritation or burning                     |

## SECTION 4 – FIRST AID MEASURES

|                   |   |
|-------------------|---|
| INGESTION         | Drink large quantity of water. DO NOT INDUCE VOMITING. See a doctor immediately.  |
| INHALATION        | Dust may produce severe irritation. If difficulty in breathing occurs, leave area immediately and do not return until dust has settled. |
| EYE CONTACT       | Flush with water for at least 15 minutes while holding lids apart. See a doctor immediately.  |
| SKIN CONTACT      | Flush skin with water for at least 15 minutes. See a doctor immediately.  |
| NOTE TO PHYSICIAN | Treatment based on judgment of the physician in response to reactions of the patient.   |

## SECTION 5 – FIRE FIGHTING MEASURES

|                                  |   |                  |     |
|----------------------------------|---|------------------|-----|
| FLASH POINT / METHOD             | N/A   | FLAMMABLE LIMITS | N/A |
| % VOLATILE                       | N/A   |                  |     |
| EXTINGUISHING MEDIA              | Water mist, alcohol foam, dry chemical  |                  |     |
| SPECIAL FIRE FIGHTING PROCEDURES | Firefighters should wear a self-contained breathing apparatus as in all chemical fires. |                  |     |

FIRE AND EXPLOSION  
HAZARDS

Concentrated solution reacts with aluminum zinc to produce hydrogen, which forms explosive mixtures in air.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**RESPONSE  
TO SPILLS

Sweep up collect spilled material, taking care to avoid raising dust. Dilute residual with dilute acetic acid (vinegar) to a pH of less than 10.

**SECTION 7 – HANDLING AND STORAGE**HANDLING  
PRECAUTIONS

Wash hands before eating.  
Keep container tightly closed when not in use.

STORAGE  
PRECAUTIONS

Store in a cool dry place

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

## HYGIENIC PRACTICES

Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.

## ENGINEERING CONTROLS

Good general ventilation should be sufficient to control airborne levels  
Eyewash station is recommended.

|   |                              |  |
|---|------------------------------|--|
|   | <b>RESPIRATOR</b>            | Required when TLV's are exceeded.                |
| X | <b>GOGGLES / FACE SHIELD</b> | Required: goggles should be chemical splash type |
|   | <b>APRON</b>                 | Not necessary                                    |
| X | <b>GLOVES</b>                | Required: PVC, Neoprene or Nitrile acceptable    |
|   | <b>BOOTS</b>                 | Not required                                     |

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

|                     |                      |                                       |     |
|---------------------|----------------------|---------------------------------------|-----|
| APPEARANCE          | Buff to white powder | BOILING POINT                         | N/A |
| ODOR                | None                 | VAPOR PRESSURE                        | N/A |
| PH                  | N/A                  | VAPOR DENSITY                         | N/A |
| SPECIFIC GRAVITY    | N/A                  | EVAPORATION RATE<br>(butyl acetate=1) | N/A |
| SOLUBILITY IN WATER | N/A                  |                                       |     |

**SECTION 10 – STABILITY AND REACTIVITY**

|                                     |   |                       |   |  |                  |
|-------------------------------------|---|-----------------------|---|--|------------------|
| CHEMICAL STABILITY                  |   | <b>STABLE</b>         | X |  | <b>UNSTABLE</b>  |
| <b>CONDITIONS TO AVOID</b>          | MOISTURE  |                       |   |  |                  |
| INCOMPATIBILITY                     | Strong acids, reactive metals, ( i.e. aluminum or zinc) |                       |   |  |                  |
| HAZARDOUS PRODUCTS OF DECOMPOSITION | OXIDES OF CARBON  |                       |   |  |                  |
| POLYMERIZATION                      |   | <b>WILL NOT OCCUR</b> | X |  | <b>MAY OCCUR</b> |
| <b>CONDITIONS TO AVOID</b>          |   |                       |   |  |                  |

**SECTION 11 – TOXICOLOGICAL INFORMATION**

## CARCINOGENICITY

|   |   |
|---|---|
|   | THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN   |
| X | THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z |

## OTHER EFFECTS

|                   |   |
|-------------------|---|
| <b>ACUTE</b>      | Dust is irritating to eyes and mucous membranes. Causes burns to eyes, skin, and mucous membranes. May be toxic if swallowed. |
| <b>CHRONIC</b>    | Not known   |
| <b>ORAL LD/50</b> | Unknown   |

**SECTION 12 – DISPOSAL CONSIDERATIONS**

|                |   |
|----------------|---|
| WASTE DISPOSAL | Diluted material may be flushed to sewer. |
|----------------|---|

**SECTION 13 – TRANSPORT INFORMATION**

|                    |  |                  |   |  |                      |  |
|--------------------|--|------------------|---|--|----------------------|--|
| DOT CLASSIFICATION |  | <b>HAZARDOUS</b> | X |  | <b>NOT HAZARDOUS</b> |  |
| <b>DESCRIPTION</b> | Corrosive solid, n.o.s. (contains sodium hydroxide and sodium metasilicate, anhydrous), 8, Un 1759, PG II. |                  |   |  |                      |  |
| SEATEX HM CODE     | 191  |                  |   |  |                      |  |

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

|     |               |                |
|-----|---------------|----------------|
| 2   | <b>BLUE</b>   | HEALTH HAZARD  |
| 0   | <b>RED</b>    | FLAMMABILITY   |
| 0   | <b>YELLOW</b> | REACTIVITY     |
| Alk | <b>WHITE</b>  | SPECIAL HAZARD |

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Triple S in connection with the use of this information.

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