

MATERIAL SAFETY DATA SHEET

Scotch Plaid, Inc.
2969 Reward Lane
Dallas, Texas 75220
DATE: 05/12/99

PRODUCT NAME: Spray Trans

| Ingredient: | OSHA PEL | ACGIH TLV | % |
|---|----------|------------------|-------|
| Sodium Metasilicate CAS # 006834-92-0 | | none established | 75.0% |
| Proprietary Surfactant Blend CAS # proprietary | | none established | 5.0% |

No ingredient in this product is listed as a carcinogen by NTP, IARC, or OSHA.

Routes of Exposure:

Eyes: Can cause tissue destruction and permanent eye damage if not treated immediately.

Skin: Brief contact with this product may cause slight reddening and irritation. More prolonged and widespread contact, as with chemical-saturated clothing, may cause itching, swelling and possible damage to the skin.

Potential Effects of Exposure:**Acute:**

Irritating and corrosive to eyes, skin, mucous membranes of the mouth, throat, esophagus and stomach. Can cause permanent corneal damage.

Chronic:

No known chronic effects are known for this product.

Signs and Symptoms of Exposure: Irritation as noted above. This product may not produce an immediate burning sensation upon skin contact, delaying the awareness of the person that contact has occurred.

Aggravated Medical Conditions: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

First Aid:

Eyes: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

Skin: Remove contaminated clothing/shoes. Flush with water. Follow by washing with soap and water. Get medical attention. Do not reuse clothing until cleaned.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Ingestion: Do not induce vomiting. Drink 3 to 4 glasses of water followed by a weak vinegar solution. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

Respiratory Protection: If exposure exceeds occupational exposure limits (see SEC. II) use a NIOSH approved respirator.

Ventilation Required: Use only with ventilation sufficient to prevent exceeding recommended exposure limit. Use corrosion-proof equipment.

Protective Clothing:

Eyes: Use chemical resistant glasses or goggles.

Skin: Use chemical resistant clothing to prevent undue bodily contact.

Additional Protective Measures: none

MATERIAL SAFETY DATA SHEET**PRODUCT NAME:** Spray Trans**Flash Point (Method Used):** none (COC)**Flammable Limits (% Volume in Air)****Upper:** non combustible**Lower:** non combustible**Extinguishing Media:** As required for surrounding fire.**Special Fire Fighting Procedures:** None**Unusual Fire and Explosion Hazards:** None**Boiling Point:** Not applicable**Vapor Pressure (mm Hg):** Not determined**Percent Volatile by Volume:** Nil**Vapor Density (Air=1):** Not determined**Solubility in Water @ 72 deg. F. 7% by weight****Evaporation Rate (Butyl Acetate=1):** Not applicable**pH:** 1% solution 12.5**Melting Point:** Not determined**Specific Gravity (Water)=1:** Not determined**Appearance and Odor:** White to yellow powder, slight odor**Stability:** stable**Incompatibility:** Strong oxidizing materials and acids.**Hazardous Decomposition Products:** Carbon monoxide and other unidentified organic compounds may be formed during combustion.**Hazardous Polymerization:** Will not occur**Steps to be Taken if Material Released or Spilled:** Collect large spills for disposal. Flush small spills with water.**Waste Disposal Method:** In accordance with all Federal, State and local regulations.**Precautions to be Taken in Handling and Storage:** Avoid contact with eyes. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.**Other Precautions:** none**Proper Shipping Name:** Not regulated**Hazard Class:** Not regulated**ID Number:** None**Label Requirements:** None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**Chemical Name
and CAS #****% By
Weight**

None

The data and information given in this document is accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this product since this is beyond our control.

MATERIAL SAFETY DATA SHEET

Scotch Plaid, Inc.
2969 Reward Lane
Dallas, Texas 75220

DATE: 12/13/99

SECTION I Product Identification

Product Name: Premium-Crete

SECTION II Hazardous Ingredients

| Ingredient: | OSHA PEL | ACGIH TLV | % |
|---|---------------|------------------|-------|
| Trisodium Salt of Nitritotriacetic Acid, Monohydrate CAS # 018662-53-8 | | none established | 2.0% |
| Sodium Metasilicate CAS # 006834-92-0 | | none established | 45.0% |
| 2-Butoxyethanol CAS # 000111-76-2 | 25 ppm (skin) | 25 ppm (skin) | 2.0% |
| Proprietary Surfactant Blend CAS # proprietary | | none established | 7.0% |

Based on test with laboratory rats and mice at high feeding levels, the National Toxicology Program (NTP) has listed nitritotriacetic acid (NTA) as a suspect carcinogen. According to the American Conference of Governmental Industrial Hygienists (ACGIH) guidelines, NTA would not "be considered an occupational carcinogen of any practical significance." There is no evidence that NTA is a human carcinogen.

SECTION III Health Hazard Data

Health Hazard (Acute)

Eyes: Major potential hazard. Powder or liquid in the eyes can cause severe destruction and possible corneal damage. These effects can occur rapidly affecting all parts of the eye.

Skin: Major potential hazard. Prolonged skin contact can cause irritation and chemical burns which may not become apparent for several hours. Brief contact with this product may cause slight reddening particularly if moistened. More prolonged and widespread contact, as with chemical-saturated clothing, may cause itching, swelling and possible damage to the skin.

Inhalation: Dust or mists may cause irritation to the nose, throat, and respiratory tract. Inflammation, destruction of nasal passages and breathing difficulties can occur with prolonged overexposure of dust or mist.

MATERIAL SAFETY DATA SHEET**SECTION III (con't)**

Ingestion: Ingestion of this product may result in severe burns of the mouth, esophagus and stomach. Nausea, pain and vomiting frequently occur. Depending on the amount swallowed, holes in the intestinal tract, kidney inflammation and shock can occur.

Health Hazard (Chronic)

Skin: The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

Inhalation: Prolonged and repeated overexposure may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness. Prolonged overexposure can also cause red blood cell hemolysis, and possible liver and kidney damage.

Signs and Symptoms of Exposure: Irritation as noted above. This product may not produce an immediate burning sensation upon skin contact, delaying the awareness of the person that contact has occurred.

Aggravated Medical Conditions: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

First Aid:

Eyes: Flush eyes immediately with large amounts of water (preferably with an eye wash fountain), lifting the upper and lower eyelids occasionally. Continue washing for a minimum of 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes under a safety shower. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Seek medical attention.

Ingestion: If person is conscious, give large quantities of water (preferably several glasses of milk if available). Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Seek medical attention.

SECTION IV Special Protection Information

Respiratory Protection: If exposure exceeds occupational exposure limits (see sec.II) use a NIOSH/MSHA approved respirator following manufacturers recommendations where dust, mist or spray may be generated.

Ventilation Required: Use only with ventilation sufficient to prevent exceeding recommended exposure limit. Use corrosion-proof equipment.

Protective Clothing:

Eyes: Use chemical resistant glasses or goggles

Skin: Use chemical resistant clothing to prevent undue bodily contact.

Additional Protective Measures: Eyewash and safety shower.

MATERIAL SAFETY DATA SHEET**SECTION V Fire & Explosion Hazard Data**

Flash Point (Method Used): Non-flammable

Flammable Limits (% Volume in Air) Non-flammable

Upper: Not applicable **Lower:** Not applicable

Extinguishing Media: As appropriate for surrounding fire.

Special Fire Fighting Procedures: Fire fighters should wear a self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: Protective clothing for skin and eye protection should be worn to protect against the alkaline properties of this product.

SECTION VI Physical Data

Boiling Point: not available

Melting Point: not available

Specific Gravity (Water)=1: not available

Vapor Pressure (mm Hg): not available

Vapor Density (Air=1): not available

pH: 1% solution, 12.5

Solubility in Water @ 77 deg. F. 7% by weight

Percent Volatile by Volume: Nil

Appearance and Odor: orange powder, slight odor.

Evaporation Rate (Butyl Acetate=1): not applicable

SECTION VII Reactivity Data

Stability: Stable

Incompatibility: Strong oxidizing materials and acids.

Hazardous Decomposition Products: Carbon monoxide and other unidentified organic compounds may be formed during combustion.

Hazardous Polymerization: Will not occur

SECTION VIII Spill and Leak Procedures

Steps to be Taken if Material Released or Spilled: Collect large spills for disposal. Flush small spills with water

Waste Disposal Method: Recovered liquid or solids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility. Follow all Federal, State and local regulations.

Precautions to be Taken in Handling and Storage: Avoid contact with eyes. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Other Precautions: Protect container from physical damage and store in a cool dry area. Do not transfer product into an unmarked container

MATERIAL SAFETY DATA SHEET**SECTION IX D.O.T. Shipping Information:****Proper Shipping Name:** None**Hazard Class:** None**ID Number:** None**Label Requirements:** None**SECTION X Section 313 Supplier Notification (SARA)**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Chemical Name and CAS#**% BY
WEIGHT****2-Butoxyethanol
CAS # 000111-76-2****2.0**

Data and information given in this document is accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this product, as this is beyond our control.

The health hazards given on this Material Safety Data Sheet apply to this product in its' concentrated form (as supplied) and may differ significantly at use dilution levels. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.