

**MATERIAL SAFETY DATA SHEET**

1370 TRI-PUFF BLACK

Page:1

**PRODUCT NAME: 1370 TRI-PUFF BLACK**

**HMIS CODES: H F R P**

**PRODUCT CODE: 1370**

**1 1 0 B**

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

MANUFACTURER'S NAME: Triangle Ink Co., Inc.  
ADDRESS : 53-57 Van Dyke Street  
Wallington, NJ 07057

EMERGENCY PHONE : 800-429-9300 (CHEMTREC)      DATE PRINTED : 09/16/2004  
INTRNATIONAL : 703-527-3887  
INFORMATION PHONE : 201-935-2777

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
Ethene, Chloro-, Homopolymer	9002-86-2	0.00000 0.00000	6.91

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

WARNING: DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN THIS PRODUCT.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

**BOILING RANGE:** 395 TO 440 DEG F      **SPECIFIC GRAVITY (H2O=1):** 1.12  
**VAPOR DENSITY:** HEAVIER THAN AIR      **EVAPORATION RATE:** SLOWER THAN ETHER  
**MATERIAL V.O.C.:** . lb/gl  
**SOLUBILITY IN WATER:** Non Soluble  
**APPEARANCE AND ODOR:** BLACK PASTE AND CHARACTERISTIC ODOR.

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

**FLASH POINT:** 391 deg F      METHOD USED: ASTM D1929  
**FLAMMABLE LIMITS IN AIR BY VOLUME-** LOWER: N/A      UPPER: N/A  
**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL

**SPECIAL FIREFIGHTING PROCEDURES**  
USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**  
MATERIAL WILL BURN, BUT WILL NOT IGNITE READILY. COOLING REQUIRED TO PREVENT EXPLOSION IN THE HEAT OF FIRE.

===== **SECTION V - REACTIVITY DATA** =====

**STABILITY:** STABLE  
**CONDITIONS TO AVOID:** HIGH TEMPERATURES.  
**INCOMPATIBILITY (MATERIALS TO AVOID)**  
NONE KNOWN.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**  
MAY YIELD CARBON DIOXIDE BY THERMAL DECOMPOSITION.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

===== **SECTION VI - HEALTH HAZARD DATA** =====

# MATERIAL SAFETY DATA SHEET

1370 TRI-PUFF BLACK

Page:2

## **INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

IF BREATHING DIFFICULTIES, DIZZINESS OR LIGHTHEADEDNESS OCCURS WHEN WORKING WITH HIGH VAPOR CONCENTRATION, VICTIM SHOULD SEEK FRESH AIR. IF BREATHING STOPS BEGIN ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION.

## **SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

MAY CAUSE ITCHING OF SKIN AND TEARING OF EYES.

## **SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

## **INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

IF THIS PRODUCT IS SWALLOWED, INDUCE VOMITING, ONLY IF VICTIM IS ALERT. IMMEDIATELY SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON.

## **HEALTH HAZARDS (ACUTE AND CHRONIC)**

Inhalation-Dizziness, breathing difficulty, headaches, and loss of coordination. Eye contact-Severe irritation, tearing, redness, and blurred vision. Skin contact-Can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion-Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea. No chronic health effects

**CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED:Yes**

## **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

ASTHMATIC AILMENTS, SKIN DISORDERS

## **EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT: WASH WITH SOAP AND LARGE AMOUNT OF WATER.

EYE CONTACT: FLUSH WITH LARGE AMOUNT OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL HELP.

INGESTION: IF SWALLOWED, INDUCE VOMITING, BUT ONLY IF VICTIM IS ALERT. GET PROMPT MEDICAL ATTENTION. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO A DROWSY OR UNCONCIOUS PERSON.

## **===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

MATERIAL SHOULD BE GATHERED BY SCOOPING INTO CONTAINERS. PREVENT FROM ENTERING SEWERS OR OTHER DRAINAGE.

### **WASTE DISPOSAL METHOD**

Collect absorbent/water/spilled liquid mixture into metal containers. Consult local, state & federal hazardous waste regulations before disposing into approved hazardous waste landfills. Obey relevant laws.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

STORE IN COOL AREAS AWAY FROM HEAT, SPARKS OR OPEN FLAME, TO PREVENT HARDENING. TIGHTLY CLOSE ALL CONTAINERS AFTER USE, TO PREVENT CONTAMINATION. IDEAL STORAGE TEMPERATURE IS 50 - 81 F ( 10 - 27 C).

### **OTHER PRECAUTIONS**

NONE.

## **===== SECTION VIII - CONTROL MEASURES =====**

### **RESPIRATORY PROTECTION**

THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION. ABOVE THE TIME WEIGHTED TLV, USE NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

### **VENTILATION**

General mechanical ventilation may be sufficient to keep product concentration within specified time weighted TLV range

### **PROTECTIVE GLOVES**

THE USE OF IMPERMEABLE GLOVES IS ADVISED TO PREVENT SKIN IRRITATION.

### **EYE PROTECTION**

SAFETY GLASSES, CHEMICAL GOGGLES AND OR FACE SHIELDS ARE RECOMMENDED.

### **OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

SKIN PROTECTIVE CLOTHING MUST BE WORN.

**MATERIAL SAFETY DATA SHEET**

1370 TRI-PUFF BLACK

Page:3

**WORK/HYGIENIC PRACTICES**

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

===== **SECTION IX - DISCLAIMER** =====

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