

Material Safety Data Sheet
May be used to comply with
OSHA'S Hazard Communication Standard,
29 CFR 1910, 1200. Standard must be
consulted for specific requirements

U.S. Department of labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Material Safety Data Sheet

Manufacturer's Name: **MANUFACTURES SERVICE INC. FOR BURR KING MFG, CO INC** Emergency
Telephone No: **800-621-2748**

Address: **1220 TAMARA LANE, WARSAW, MO. 65355** Other Information
Signature of Person (optional) Calls **same**
Responsible for Preparation: Date
Prepared: **01/07/2006**

SECTION 1 – IDENTITY

Common Name (used on Label) CAS NO:
(Trade Name & Synonyms) **ANTISTICK BEADS (STYROPOR)**
Chemical Chemical
Name: **EXPANDABLE POLYSTYRENE NO STICK** Family: **POLYSTYRENES**

Formula: **C8H8**

SECTION 2 – HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (Chemical & Common Name(s))
PANTENE 6.5% 600*PPM NARCESIS AND RESPIRATORY
IRRITATION RESULT AT CONCENTRATIONS
9-12% IN AIR.

STYRENE MONOMER <.5 100**PPM. RESPIRATORY IRRITANT CNS
(CENTRAL NERVOUS SYSTEM) DEPRESSANT.

BROMINATED FLAME RETARDANT <2 EYE, SKIN AND RESPIRATORY IRRITANT

*ACG1H 1980
**OSHA 1974

The following ingredients are considered hazardous per OSHA 1910, 1200. MSDA for each is attached.
NONE

NOTE: If chemical is not specifically identified, it is considered proprietary

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

Boiling Point **780MM HG SOLID** Percent Volatility **N/A** Vapor Pressure
Specific Gravity (h20=1) **1.j** Reactivity in Water: **NEGLIGIBLE**

Solubility in Water Negligible

Appearance and Odor: solid round bead or pellet having odor of pentane

Flash: determined solid Flammable Limits % by volume

Auto-ignition Lower 1.5-% Upper 11%

Extinguish water fog

Special Fire Fighting Procedures: Fire fighters should be equipped with self-contained breathing devices and turn out gear.

Unusual Fire and Explosion Hazards: If confined during exposure to fire, high heat development and heavy black smoke will result. At high temperatures, toxic hydrogen bromide gas may be released.

SECTION 4 – PHYSICAL HAZARDS

PRODUCT:

Stability: X

Unstable

Conditions to avoid: heat, sparks, flames

Incompatibility (Materials to Avoid): N/A

Hazardous Decomposition Products: **If this material is exposed to high temperatures, significant amount of hydrogen bromide will be released.**

Hazardous

Will Occur: X

Conditions

Polymerization:

Will Not Occur:

To Avoid: NONE

SECTION 5 – HEALTH HAZARDS (See Section 2)

Threshold

Limit Value: Not established

Signs & Symptoms OF EXPOSURE:

2. Chronic PRE-EXISTING SKIN DISORDER MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Overexposure: defatting of skin, irritation of eyes and mucous membranes, possible CNS depression, dizziness and loss of coordination.

Medical Conditions Generally

Aggravated by Exposure: AS STATED PRE-EXISTING SKIN DISORDER MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Chemical listed as

National Yes

I.A.R.C. Yes

OSHA

Yes

Carcinogen or Potential

Toxicology

Monographs

Carcinogen: THE MAJOR COMPONENTS OF THIS MATERIAL ARE NOT CONSIDERED

CARCINOGENIC BY THE NATIONAL TOXICOLOGY PROGRAM (NTP), THE INTERNATIONAL

AGENCY FOR RESEARCH ON CANCER (IARC) OR THE OCCUPATIONAL HEALTH AND SAFETY

ADMINISTRATION (OSHA)

OSHA Permissible

ACGIH Threshold

Other Exposure

Exposure Limit:

Limit Value:

Limit Used:

Emergency and First Aid Procedures:

1. Inhalation: IMMEDIATELY REMOVE AFFECTED VICTIM FROM EXPOSURE. MOVE TO FRESH AIR; ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GIVE OXYGEN IF BREATHING IS DIFFICULT, PROVIDE D THAT QUALIFIED PERSONNEL ARE AVAILABLE. GET MEDICAL ATTENTION.

2. Eyes: FLUSH WITH WATER FOR 15 MIN. CONTACT PHYSICIAN

3. Skin: WASH WITH SOAP & WATER

4. Ingestion: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING OR GIVE FLUIDS IF PERSON IS UNCONSCIOUS OR HAVING CONVULSIONS. CONTACT A PHYSICIAN

SECTION 6 – SPECIAL PROTECTION INFORMATION

Respiratory Protection NIOSHA APPROVED VAPOR OR DUST RESPIRATOR RECOMMENDED FOR POORLY VENTILATED AREAS OR SENSITIVE INDIVIDUALS.

Ventilation

Local NONE

Mechanical

EXHAUST VENTILATION TO AVOID ACCUMULATION OF

EXPLOSIVE VAPORS IN WORK AREA.

Special NONE Other Exhaust

Protective Gloves: NOT ESSENTIAL-DESIRABLE IN PROLONGED CONTACT

Eye Protection: CHEMICAL GOGGLES RECOMMENED FOR HANDLING OF RAW BEADS TO AVOID FOREIGN PARTICLES IN EYES.

Other Protective Clothing or Equipment: NON-SPARKING SAFETY SHOES. SAFETY SHOWERS AND EYE WASH FACILITY WITHIN REACH SHOULD BE PROVIDED.

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Only trained and properly equipped personnel should handle spills. Isolate hazard area. Keep away unnecessary and unprotected personnel. Ventilate spill area to avoid accumulation of explosive vapors. .

Steps to be taken in Case of small spill: Ventilate area to avoid accumulation of explosive vapors. SWEEP UP IMMEDIATLEY LOOSE BEADS PRESENT A SLIP HAZARD.

Waste Disposal Methods: Dispose of in accordance with applicable local, state and federal regulations.

SECTION 8 – REGULATORY INFORMATION

STORAGE AND HANDLING

STORE IN COOL DRY, WELL-VENTILATED AREA TEMPERATURES BELOW 80 DEGREES FERINHDT. KEEP AWAY FROM ALL SOURCES OF IGNITION (HEAT, SPARKS, AND OPEN FLAME). STACKED INVENTORY SHOULD BE SEPARATED TO ELIMINATE HEAT BUILDUP. KEEP CONTAINERS CLOSED. DO NOT STORE BEADS IN A PARTIALLY FILLED CONTAINER.

Avoid contact with eyes, skin and clothes may cause irritations.

Do not inhale vapors, Vapors may be harmful causing, drowsiness, dizziness and loss of coordination.

Use only in properly ventilated areas; keep away from heat, sparks, and open flames.

Wash thoroughly after handling

Wear goggles, plastic gloves, non-sparking safety shoes, and combination respirator.

WHEN HANDLING STYROFOR IT WILL GIVE OFF FLAMMABLE VAPORS, THEREFORE AIR CIRCULATION AND VENTILATION AT A MINIMUM RATE OF SIX AIR CHANGES PER HOUR TO AVOID ACCUMILATION OF VAPOR. AFTER REMOVING LID OR POLY BAG SEAL ALLOW AT LEAST 10 MINUTES FOR VOLATIVE VAPORS TO DISPERSE.

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