

MATERIAL SAFETY DATA SHEET REVISED 1/1/2008

PRODUCT NAME: PHENOLIC MICROBALLOONS

1.0 IDENTIFICATION

CHEMICAL NAME: PHENOL FORMALDEHYDE RESIN
CHEMICAL FAMILY: PHENOLIC RESIN
CAS AND NAM: 9003-35-4 PHENOL, WITH FORMALDEHYDE
MASPART NUMBER 25-007, 25-008, 25-012

MANUFACTURER: PHOENIX RESINS INC
2615 RIVER ROAD #3A
CINNAMINSON, NJ 08077 856 303-9245

Emergency numbers 1-888-627-3769
Chemtrec 1- 800-424-9300

2. COMPOSITION INFORMATION

INGREDIENT	WT%	HAZARD	DANGER SYMBOLS
PHENOLIC RESIN	100%	SEE SECTION 3	NONE

3.0 HAZARDS IDENTIFICATION

3.1 EFFECTS OF SINGLE EXPOSURE:

- Swallowing - None
- Skin Absorption - None
- Inhalation- None
- Skin Contact - None
- Eye Contact - May cause irritation, experienced as stinging with excess blinking and tearing. Redness and swelling of the conjunctiva may occur

3.2 EFFECTS OF REPEATED EXPOSURE: The material may contain trace amount (<0.001%) of free formaldehyde listed by IARC, NTP and OSHA as a carcinogen.
There is minimal risk when adequate ventilation is used due to the very low formaldehyde concentration.

4. FIRST AID MEASURES

SWALLOWING	NO EMERGENCY CARE ANTICIPATED
INHALATION	NO EMERGENCY CARE ANTICIPATED
SKIN CONTACT	REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of over exposure should be directed at the control of symptoms and the clinical condition of the patient

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA ALCOHOL TYPE OR ALL PURPOSE TYPE FOAMS FOR LARGER FIRES, CARBON MONOXIDE OR DRY CHEMICAL MEDIA FOR SMALL FIRES.

5.2 EXTINGUISHING MEDIA TO BE AVOIDED NONE

5.3 SPECIAL PROCEDURES DO NOT DIRECT A SOLID STREAM OF WATER OR FOAM INTO BURNING MOLTEN AS IT MAY CAUSE SPLATTERING AND SPREAD THE FIRE.

5.4 EQUIPMENT USE SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING

5.5 UNUSUAL FIRE AND EXPLOSION HAZARDS

AVOID DISPERSION OF DUST IN AIR TO REDUCE POTENTIAL OF DUST IGNITION/EXPLOSION. PHENOL FORMALDEHYDE MAY FORM UNDER FIRE CONDITIONS

6.0 ACCIDENTAL RELEASE MEASURE:

WEAR SUITABLE PROTECTIVE CLOTHING. COLLECT FOR DISPOSAL.

7.0 HANDLING AND STORAGE

7.1 GENERAL PRECAUTIONS

**AVOID DISPERSION OF DUST IN THE AIR
AVOID SPARKS AND FLAME UNDER DUST CONDITIONS
USE WITH ADEQUATE VENTILATION
ELECTRICALLY BOND AND GROUND ALL EQUIPMENT
AVOID CONTACT WITH SKIN. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND CALL A PHYSICIAN IF NECESSARY.**

7.2 VENTILATION

SPECIAL, LOCAL VENTILATION IS RECOMMENDED IN AREAS WHERE CONTAINERS ARE OPENED AND THEIR CONTENTS ARE DISCHARGES OR IN ANY OTHER AREAS WHERE DUSTING CONDITIONS MAY DEVELOP.

7.3 OTHER PRECAUTIONS

**KEEP PRODUCT IN COOL WELL VENTILATED AREA
MAY UNDERGO SPONTANEOUS SMOLDERING IF STORED OR HEATED IN BULK ABOVE 35C WHERE THERE MAY BE AIR INGRESS TO THE PRODUCT
DO NOT STORE IN THE SUN**

8 EXPOSURE

8.1 EXPOSURE LIMIT

NONE ESTABLISHED

8.2 PERSON PROTECTION

**RESPIRATORY - WEAR DUST RESPIRATOR IF DUSTING CONDITIONS EXIST.
HAND PROTECTION - - WORK GLOVES
EYE PROTECTION - SAFETY GLASSES
OTHER - EYE WASH STATIONS AND SAFETY SHOWER**

9.0 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	HOLLOW SPHERES
COLOR	RED BROWN
ODOR	NONE
MOLECULAR WT	>10,000
BOILING POINT	N/A
FREEZING POINT	N/A
MELTING POINT	N/A
SPECIFIC GRAVITY	N/A (WATER = 1)
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A
SOLUBILITY IN WATER	NONE SPECIFIED (BY % WEIGHT)
PERCENTAGE VOLITILES	(MAXIMUM) 4 -----> WATER

**10. STABILITY AND REACTIVITY
GENERAL
CONDITIONS TO AVOID**

**STABLE
NONE KNOWN**

INCOMPATIBLE MATERIALS

**STRONG OXIDIZING AGENTS, STRONG ACIDS,
STRONG ALKALIES, HALOGENS, ACYL HALIDES**

HAZARDOUS COMBUSTION PRODUCTS

**BURNING OR THERMAL DECOMPOSITION CAN
PRODUCE THE FOLLOWING:
PHENOL, FORMALDEHYDE, CARBON MONOXIDE**

POLYMERIZATION

**AND CARBON DIOXIDE
WILL NOT OCCUR**

11. ECOLOGICAL INFORMATION

NO INFORMATION CURRENTLY AVAILABLE

12. DISPOSAL METHODS

**INCINERATE IN A FURNACE OR IN ACCORDANCE TO
FEDERAL AND STATE REGULATIONS**

13. TRANSPORTATION INFORMATION

**ADR/RD
MONT-BLANC,
IMDG, MARPOL
ICAQ**

**NOT SUBMITTED
OK
NOT SUBMITTED
NOT SUBMITTED**

FEDERAL EPA

**CERCLA - - NONE
SARA - - NONE
TSCA - - ON THE TSCA INVENTORY**