

MATERIAL SAFETY DATA SHEET REVISED 1/1/2011

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**

8.0 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 VOLATILES	(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