



MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME (USED ON LABEL) : **PAINTBALLS**

NAME OF SUPPLIER/MANUFACTURER
SUPPLIER : **SWISSCAPS ROMANIA S.R.L.**

MANUFACTURER : **SWISSCAPS ROMANIA S.R.L
STR. CAROL I NR.1
COM. CORNU, JUD.PRAHOVA
COD 2157**

EMERGENCY PHONE NUMBER : **+40 244 306700**

2. COMPOSITION/INFORMATION ON INGREDIENTS

SHELL MASS

CHEMICAL NAME OF INGREDIENTS:

(1) Gelatin (2) Glycerol (3) Sorbitol (4) Water (5) Customized Dyes (see 16.)

COMPOSITION (%) (1) 60 – 70 (2) 10 – 15 (3) 10 – 15 (4) 5 – 15 (5) 0 – 2

FILL MASS

CHEMICAL NAME OF INGREDIENTS:

(1) Polyethylene Glycol 400 (2) Polyethylene Glycol 1500 (3) Water (4) Glycerol
(5) Titandioxide (6) Customized dyes (see 16.)

COMPOSITION (%) (1) 75 – 85 (2) 10 – 15 (3) 1 – 10 (4) 0 – 3 (5) 0.1 – 1 (6) 0 – 1

3. HAZARDS IDENTIFICATION

HAZARDS FOR HEALTH

Material is considered to be non-toxic

EYE CONTACT : Fill may cause slight irritation; dehydrating properties
SKIN CONTACT : No effects known
INHALATION : No effects known
INGESTION : No data available (fill may cause slight irritation)

HAZARDS FOR ENVIRONMENT

No adverse effects known

4. FIRST-AID MEASURES

EYE CONTACT

In case of incidental exposure do not allow victim to rub or keep eyes tightly shut. Gently lift eyelids and flush immediately and continuously with flooding amounts of clean water for 15 minutes. If irritation persists, seek professional assistance

SKIN CONTACT

Wash the affected area under tap water.

INGESTION

Rinse mouth and dilute with water. Induce vomiting. Give water. Call physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Product is difficult to ignite unless directly introduced into flame

EXTINGUISH MEDIA

CO₂; dry chemical, foam, water spray

6. ACCIDENTAL RELEASE MEASURES

Do not walk through spilled material. Place material with a clean shovel into a container for later disposal (incineration).

7. HANDLING AND STORING

Keep packaging well closed. Eliminate any source of ignition. Avoid storage temperatures <15°C and > 30°C resp. storage humidity < 40 % rH and > 50 % rH.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS : Not established
PERSONAL PROTECTION : No specific preventions

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Gelatin capsule consisting of shell mass and colored fill mass
COLOR : Customized, may change from order to order
SHAPE/DIAMETER : Round (spherical)/D = 16 – 18 mm
WEIGHT : 3 – 3.5 g per capsule
BOILING POINT : Not applicable
MELTING POINT : Not applicable
DECOMPOSITION POINT : Not applicable
VAPOR PRESSURE : Not applicable
SOLUBILITY IN WATER : Intact capsule is not soluble in cold water but capsule may swell in wet ambience. Shell mass and fillmass both are soluble in warm water > 40 °C. A residue of < 1% derives from insoluble inorganic pigments.
VISCOSITY : Not applicable

10. STABILITY AND REACTIVITY

STABILITY : Capsules stable for a minimum of 1 year in closed containers under regular storage conditions

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY (LD50)	:	No information available
SKIN	:	No information available
EYE	:	No information available

12. ECOLOGICAL INFORMATION

SOIL MOBILITY	:	No data available
BIODEGRADABILITY	:	Gelatin is biodegradable Glycerol is biodegradable Polyethylene Glycol is biodegradable Sorbitol is biodegradable Dye stuff: no data available
ECOTOXICITY	:	Paint ball are predominatly composed of PEG, gelatin*, Glycerol*, sorbitol*, colour and water. The compounds are edible, fit for human consumption and metabolized by most aquatic and terrestrial organisms PEG are freely soluble in cold water and regarded as bio-degradable (Zahn-Wellens test). Toxic inhibition limit for bacteria in the fermentation tube test is 5000 mg/Liter No adverse effect on fish (crucian carp) daphnia and protozoa (1%). Ecotoxicity in water (LC50): >5000 mg/l 24 hours [Goldfish].

13. DISPOSAL CONSIDERATIONS

In accordance with local/national regulations.

14. TRANSPORTATION CONSIDERATIONS

HAZARD CLASSIFICATION	:	Not applicable
TRANSPORTATION CLASSIFICATION	:	Not applicable
TRANSPORTATION CODE	:	Not applicable

15. REGULATORY INFORMATION

Paintballs manufactured by SwissCaps do not contain dangerous substances as defined in the European Directive EEC 67/548 and subsequent amendments and adjustments. They are exempt from labeling with warning, risk and danger symbols.

WARNING SYMBOLS	:	None
RISK PHRASES	:	None
SAFETY PHRASES	:	None

16. OTHER INFORMATION

Available colors are customized and may differ from order to order. Dyes and pigments currently in use are: Tartrazin E102; Brilliant black E 151; Brilliant blue FD&C #1; Patent blue E131; Fluorescent Pigments: Chartreuse; Blue; Orange; Pink and Magenta.

The information contained here in is based on our present state of knowledge and experience. It does not reflect the needs of every situation. Employers should use the given data as supplementary information, and should determine, independently the suitability of the product to assure proper use, safety and health requirements.

Ident. No. HM-1/2