



ZAP PAINTBALL INC.
720 Wright Street,
Strathroy, ON, Canada, N7G 3H8

Tel: (519) 245-8880
Toll Free: (877) 907-8880
Fax (Main): (519) 245-7992

MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Name: Marking Capsules

Synonyms/Trade Names: a.k.a., "Paintballs"

Hazard Rating:

| | | |
|---------------|---|--------------|
| Health: | 0 | 4 = EXTREME |
| Flammability: | 0 | 3 = HIGH |
| Reactivity: | 0 | 2 = MODERATE |
| | | 1 = SLIGHT |

Company Identification:
Zap Paintball Inc.
Strathroy, Ontario, Canada

Date: October 15, 1999

Emergency Phone Number: 1-519-245-8880

2 COMPOSITION AND INGREDIENTS

| <u>Ingredients</u> | <u>CAS Number</u> |
|--|-------------------|
| Polyethylene glycol | 25322-69-3 |
| Gelatin | 9000-70-8 |
| Glycerine | 56-81-5 |
| Sorbitol | 50-70-4 |
| Water | 7732-18-5 |
| Approved colorants (FD&C Act) | |
| May also contain: food grade emulsifiers, cosmetic grade additives | |

3 HAZARDS IDENTIFICATION

Emergency Overview: This mixture is a recreational product, not intended for human consumption. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200], this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

Potential Health Effects: None expected with the occupational handling of this product.

4 FIRST AID MEASURES

Eye - Rinse eye thoroughly with water. If irritation occurs, seek medical attention.

Skin - If liquid fill contacts skin, wash off with water.

Inhalation - Inhalation is not an anticipated route of occupational exposure. For the intended use, see product label.

Ingestion - Ingredients are generally recognized as safe. In case of accidental ingestion, seek medical attention, or call a poison control center.

5 FIRE FIGHTING MEASURES

Flash Point & Method: not applicable.

Explosive Limits: not applicable.

Autoignition Temperature: not applicable.

Flammability Classification: not applicable.

Material Name: Marking Capsules, a.k.a. "Paintballs"

Hazardous Products of Combustion: not known.

Extinguishing Media: Use water spray, dry chemical, alcohol foam, CO₂.

Fire Fighting Instructions: Use water to keep fire-exposed containers cool.

Other Fire Fighting Considerations: not applicable.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with the eyes.

Environmental Precautions: not known.

Procedures for Spill/Leak Clean-up: Collect and place in a suitable container. Sorbents may be used.

Waste disposal method: To be performed in compliance with all regulations.

7 HANDLING AND STORAGE

Precautions for Safe Handling: Store at room temperature. Other precautions: Avoid direct sunlight.

Conditions for Safe Storage: Store at room temperature. Other precautions: Avoid direct sunlight.

Other recommendations: none.

8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: General mechanical local exhaust is acceptable.

Personal Protective Equipment:

- **Eye:** NIOSH/OSHA approved safety glasses
- **Skin:** None.
- **Inhalation:** None.
- **Other Controls:** None.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A round softgel (gelatin) capsule.

Odour Threshold: Not applicable

Physical State (Fill): Liquid

Vapor Pressure: Not known

Vapor Density (Fill): (AIR = 1) 1

Evaporation Rate: (BuAc = 1) Not applicable

Co-efficient of Water/Oil Distribution: Not applicable

Freezing Point (Fill): 8 - 12 °C

Boiling Point (Fill): 200 °C

Solubility in Water: Soluble

pH (Fill): 6 - 8

Specific Gravity (Fill): 1.200 g/mL

Percent Volatile (by Volume): Not applicable

10 STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None.

Conditions to Avoid: None.

Hazardous Decomposition Products: None.

Other Recommendations: None.

Material Name: Marking Capsules, a.k.a. "Paintballs"

11 TOXICOLOGICAL INFORMATION

Not applicable.

12 ECOLOGICAL INFORMATION

Not applicable (biodegradable).

13 DISPOSAL CONSIDERATIONS

Not applicable.

14 TRANSPORT INFORMATION

Not applicable.

15 ADDITIONAL REGULATORY INFORMATION

Not applicable.

16 OTHER INFORMATION

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment.