

**Puff Additive**

SDS No: 300

Date: 06/14/16

**1. Product and Company Identification****Product Name:** Puff Additive**Contact Information:****Rupert Gibbon & Spider, Inc.**1147 Healdsburg Ave.  
Healdsburg, CA 95448  
800-442-0455**CHEMTREC (24HR Emergency Telephone), call:**

1-800-424-9300

**International CHEMTREC, call:** 1-703-527-3887**For non-emergency assistance, call:** 800-442-0455**2. Hazardous Identification**

The product has no hazardous conditions.

**3. Composition/information on Ingredients**

Substance	CAS Number	EINECS No	Content	Classification
Comments				
Blowing agent substance with a -Isobutane community workplace exposure limit	75-28-5	200-857-2	3-5.5%	F+; R12
Copolymer	25214-39-5		>40%	
Formaldehyde	50-00-0		Trace	
Residual Monomers	n/a		>0.05	

**4. First Aid Measures****Eye Contact:** Flush with water for at least 15 minutes. If irritation develops, get medical attention.**Skin Contact:** Wash with soap and water.**Ingestion:** Rinse mouth and then drink plenty of water.**Inhalation:** Remove to fresh air for relief.**5. Fire-Fighting Measures****Flash Point:** >200 F**Extinguishing Media:** Foam, Co2, Dry Chemical or water mist. Containers close to fire should be transferred to a safe place.**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus**Unusual Fire or Explosive Hazards:** Corrosive (hydrogen chloride) and toxic fumes may occur as a decomposition product in case of fire.

**6. Accidental Release Measures**

If material is spilled dike to contain spill. Keep product from entering drains. Recover free product. Collect remaining product with absorbent materials.

**7. Handling and Storage**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breath vapors, mist or gas. Further information on storage

conditions: Keep from freezing-product stability may be affected. Stir well before use.

**8. Exposure Controls/Personal Protection**

**Respiratory Protection:** Not necessary at room temperature.

**Ventilation:** Local exhaust as needed near processing equipment.

**Protective Gloves:** Usually not required.

**Eye Protection:** Safety glasses recommended

**Other Protection:** Usually not required.

**Storage & Handling:** Do not store near heat or flame. Material can gel with long exposure to elevated temperatures (above 95 F). Wash thoroughly after handling.

Substance Limits	CAS No	Content	Permissible Exposure
Acrylonitrile	107-13-1	<0.0025	2 ppm
Vinylidene chloride	75-35-4	<0.025	5 ppm, 20mg/m <sup>3</sup>
Isobutane	75-28-5	3-5.5%	2 ppm 8 mg/m <sup>3</sup> 800 ppm

**9. Physical and Chemical Properties**

**Boiling Point:** N/A

**Vapor Pressure:** N/A

**Vapor Density:** >1

**Solubility in Water:** N/A

**Appearance & Odor:** Thick Liquid

**Specific Gravity:** 1.14-1.45

**Melting Point:** N/A

**Evaporation Rate:** N/A

**10. Stability and Reactivity**

**Stability:** Stable

**Incompatibility (materials to avoid):** None

**Hazardous Decomposition Products:** CO<sub>3</sub>, CO<sub>2</sub>

**Hazardous Polymerization:** Will not occur

**11. Toxicological Information**

Tests according to Magnusson and Kligman gave no reasons to believe the product can cause allergy.

**Routes of Entry:** N/A

**Acute:** N/A

**Chronic:** N/A

**Carcinogenic:** Formaldehyde and trace amounts of acrylic monomers. Listed hazard values refer only to Formaldehyde in its gaseous form. These liquid paints contact the dissolved form.

**Signs & Symptoms of Exposure:** Low hazard for industrial use. Any material that contacts the eye may cause a mechanical irritation. Very low toxicity if ingested. Fumes formed at elevated temperatures can be irritating if inhaled.

**Medical Conditions Aggravated by Exposure:** N/A

## **12. Ecological Information**

Acute toxicity LC<sub>50</sub> for goldfish at 96 hours exposition is higher than 5000 ppm. Compound can be stated as "non-toxic absolutely".

In test with *Pseudomonas putida*, despite maximum amount of 10 g/liter, no toxicological effect was found.

The product is not biologically decomposable.

## **13. Disposal Considerations**

Dispose of materials in accordance with the applicable local, state and federal regulations.

## **14. Transport Information**

Not regulated

## **15. Regulatory Information**

The present components are listed in the following chemical inventories:

USA	TSCA
Europe	EINECS
Australia	AICS
Canada	DSL
Japan	MITI/ENCS
Korea	ECL
China	SEPA/IECSC
The Philippines	PICCS
Switzerland	SWISS

## **16. Other Information**

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.