

Puff Additive

SDS No: 300

Date: 06/14/16

1. Product and Company Identification

Product Name: Puff Additive Contact
Information:

Dharma Trading Company

2. 1805 South McDowell Blvd. Ext.
3. Petaluma, CA 94954 USA
4. (800) 542-5227

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
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 ³
Isobutane	75-28-5	3-5.5%	2 ppm 8 mg/m ³ 800 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: CO₃, CO₂

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 LC₅₀ 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 Dharma Trading Co. does not guarantee the accuracy or completeness thereof. Dharma Trading Co. 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.