

**1. Identification**

**Product name:** Paintable Mold Release  
**Product code:** DAC-36361  
**Recommended use:** Mold Release Agent  
**Restrictions on use:** None known  
**Supplier:** DAC Industries, Inc.  
 1636 Gervais Avenue - Suite 9  
 Maplewood, MN 55109, USA  
 T +1 (651) 748-1750

**Emergency number:** (Chemical Spills, Leaks, Fire, Exposure or Accident only):  
 CHEMTREC 1-800-424-9300 (in the US),  
 1-703-527-3887 (Outside the US),  
 Chemtrec - Mexico 01-800-681-9531

**Issue date:** 03/01/2023

**2. Hazard(s) identification**

**Classification:**

Physical hazards	Health hazards
Flammable aerosol Category 1 Gases under pressure Compressed gas	Not classified

**GHS US labeling:**

Danger!



Hazard statements (GHS US)	Precautionary statements (GHS US)
H222 - Extremely flammable aerosol H280 - Contains gas under pressure; may explode if heated	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Pressurized container: Do not pierce or burn, even after use. P410+P403 - Protect from sunlight. Store in a well-ventilated place. P412 - Do not expose to temperatures exceeding 50 °C/ 122 °F.

**3: Composition/Information on ingredients**

Component	CAS-No.	Amount (%)
Isobutane	75-28-5	80-85
Propane	74-98-6	10-15

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

#### 4. First-aid measures

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

**Skin:** Wash skin with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

**Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** No first aid should be needed. Rinse mouth out with water. If you feel unwell, seek medical advice.

**Symptoms/effects:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Immediate medical attention and special treatment, if necessary:** None under normal conditions.

#### 5. Fire-fighting measures

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide. Cool down the containers exposed to heat with a water spray.

**Unsuitable extinguishing media:** Do not use a solid water stream as it may scatter and spread fire.

**Fire hazard:** Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. Pressurized container: may burst if heated. Extremely flammable aerosol.

**Special protective equipment and precautions for fire-fighters:** Use shielding to protect from bursting cans. Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing (spray, gas). Avoid contact with eyes.

**Methods and material for containment and cleaning up:** Collect spillage. Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations".

#### 7. Handling and storage

**Precautions for safe handling:** Ensure adequate ventilation. Avoid breathing gas, spray. Avoid contact with eyes, skin and clothing. Use personal protective equipment as required. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Handle in accordance with good industrial hygiene and safety practice.

**Storage conditions:** Do not expose to temperatures exceeding 50 °C/ 122 °F. Protect from sunlight. Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. U.F.C. (NFPA 30B) Level III Aerosol.

**8. Exposure controls/personal protection**

**Exposure guidelines:**

Isobutane	1000 ppm (EX - Explosion hazard) STEL ACGIH TLV;
Propane	1800 mg/m <sup>3</sup> TWA OSHA PEL; 1000 ppm TWA OSHA PEL;

**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Environmental exposure controls:** Avoid release to the environment.

**Personal protective equipment:**

**Hand protection:** Wear suitable gloves

**Eye protection:** Use suitable eye protection

**Skin and body protection:** Wear suitable protective clothing

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment

**9. Physical and chemical properties**

**Appearance:** Aerosol spray can.

<b>Physical state</b> : Liquid	<b>Partition coefficient n-octanol/water (Log Pow)</b> : No data available
<b>Color</b> : Clear, colorless liquid	<b>Auto-ignition temperature</b> : No data available
<b>Odor</b> : petroleum-like odor	<b>Decomposition temperature</b> : No data available
<b>Odor threshold</b> : No data available	<b>Viscosity, kinematic</b> : No data available
<b>pH</b> : No data available	<b>Viscosity, dynamic</b> : No data available
<b>Melting point</b> : No data available	<b>Explosion limits</b> : Lower explosion limit: 1.8 vol % Upper explosion limit: 9.5 vol %
<b>Freezing point</b> : No data available	<b>Explosive properties</b> : No data available
<b>Boiling point</b> : No data available	<b>Oxidizing properties</b> : Not oxidising.
<b>Flash point</b> : < -104 °C (-155.2 °F)	
<b>Relative evaporation rate (butyl acetate=1)</b> : No data available	
<b>Flammability</b> : Extremely flammable aerosol.	
<b>Vapor pressure</b> : No data available	
<b>Relative vapor density at 20°C</b> : No data available	
<b>Relative density</b> : No data available	
<b>Solubility</b> : Not miscible.	
No additional information available	

**10. Stability and reactivity**

**Reactivity:** Extremely flammable aerosol.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.

**Conditions to avoid:** Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**Incompatible materials:** Strong oxidizing agents. Acids. Strong bases. Strong reducing agents.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

**Inhalation:** Adverse effects not expected from this product. At high concentrations: Dizziness, headaches, nausea.

**Skin:** No adverse effects expected. May cause slight irritation to the skin.

**Eyes:** May cause minor eye irritation.

**Ingestion:** No adverse effects expected under normal conditions of use. Ingestion may cause nausea, vomiting and diarrhea.

**Chronic symptoms:** None known.

**Carcinogenicity:** Not classified

Isobutane: This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

Propane: This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

**Germ cell mutagenicity:** Not classified

**Reproductive toxicity:** Not classified

**Acute toxicity (oral)** : Not classified

**Acute toxicity (dermal)** : Not classified

**Acute toxicity (inhalation)** : Not classified

**Numerical measures of toxicity:**

**The following are the toxicity values for the components:**

Isobutane > 20000 ppm/4h LC50 Inhalation - Rat [ppm]

Propane > 20000 ppm/4h LC50 Inhalation - Rat [ppm]

**Skin corrosion/irritation** Not classified

**Serious eye damage/irritation** Not classified

**Respiratory or skin sensitization** Not classified

**STOT-single exposure** Not classified

**STOT-repeated exposure** Not classified

**Aspiration hazard** Not classified

## 12. Ecological information

**Ecology - general:** The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available

**Other adverse effects:**  
No data available

### 13. Disposal considerations

**Regional legislation (waste):** Dispose of in accordance with applicable federal, state, and local regulations.  
**Additional information:** Empty containers retain product residue and can be hazardous.

### 14. Transport information

#### Department of Transportation (DOT)

**Proper Shipping Name (DOT)** : Aerosols  
**UN-No.(DOT)** : UN1950  
**Class (DOT)** : 2.1  
**Packing group (DOT)** : Not applicable  
**Hazard labels (DOT)** : Flammable gas

#### Transport by sea

**Proper Shipping Name (IMDG)** : AEROSOLS  
**UN-No. (IMDG)** : 1950  
**Class (IMDG)** : 2  
**Packing group (IMDG)** : Not applicable

#### Air transport

**Proper Shipping Name (IATA)** : Aerosols, flammable  
**UN-No. (IATA)** : 1950  
**Class (IATA)** : 2  
**Packing group (IATA)** : Not applicable

### 15. Regulatory information

**SARA Section 313 - Emission Reporting:** Not subject to reporting requirements of the United States SARA Section 313

#### CERCLA Section 103:

This product is not subject to reporting under CERLCA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

#### SARA 302:

Not applicable

**SARA Section 311/312 Hazard Classes:** Refer to Section 2 for OSHA Hazard Classification.

#### California Proposition 65:

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

**TSCA:** All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

**16. Other information**

Issue date : 03/01/2023

Indication of changes:

new version.

**NOTICE**

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or the consequences of its use or misuse.