

# Material Safety Data Sheet U.S. Department of Labor

may be used to comply with Occupational Safety and Health Administration  
OSHA's Hazard Communication Standard (NonMandatory  
Form)

29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

---

Identify (As used on Label and List)

## Joyfil Flowable

Item# #JFA1,

JFA2,

JFA3,

JFA3.5,

JFA4,

JFB1,

JFB2,

JFB3,

JFB4,

JFC1,

JFC2,

JFC3,

JFC4,

JFD2,

JFC3,

JFD4,

JFI,

JFO

---

## SECTION I – PRODUCT AND COMPANY IDENTIFICATION

3D Dental Design & Development LLC. Phone (877) 6058061

16781 Chargin Blvd Ste 434 In case of emergency call Chemtrec 8004249300

Shaker Heights, OH 44120 Revised: May 15, 2017

Intended Use: Dental restorative

Limitations on Use: For use only by dental professionals.

---

## SECTION II INGREDIENTS

INGREDIENTS:

Bisphenol A Diglycidyl Methacrylate 30.89%

Triethylene

Glycol Dimethacrylate 35.928%

Monomer (Trade Secret) 28.54%

Butylated Hydroxytoluene 0.070%

2,6 DiaterButylPCresol

Fumed Silica 4.56%

Pigments 0.012%

TLV: Not Available

---

### **SECTION III – HAZARDS IDENTIFICATION**

Emergency

Overview

Physical form, Odor, Color, and Grade: Paste, characteristic order, white, and viscous.

Environmental

and Physical Hazards

None.

Health

Hazards

Overexposure may cause eye irritation, allergic reactions, dry skin, dyspepsia, vertigo and nausea.

This document has been prepared in accordance with the US OSHA Hazard Communication Standard, which requires the inclusion of

all known hazards of the product or its ingredients regardless of the potential risk. The risk of the hazards communicated in this

document may vary depending upon the potential for exposure.

Potential

Health Effects

Skin, Effects of Overexposure: May cause irritation

Page 2 of 3

MSDS001.rev2

Skin, First Aid Procedures: Wash with soap and water. If irritation persists, get medical attention.

Eyes, Effects of Overexposure: May cause irritation. Flush promptly with large amount of water for 15 minutes and get

medical attention.

Inhalation, Effects of Overexposure: A very large amount of uncured material can cause Dyspepsia, Nausea, Vertigo.

Ingestion, First Aid Procedures: Consult a physician promptly.

Carcinogenicity:

No information Available.

---

### **SECTION IV – FIRST AID MEASURES:**

Inhalation If

overexposure occurs and symptoms appear, consult a physician.

Ingestion If

substantial quantities are involved, or in case of noticeable discomfort, drink large quantities of water and consult physician immediately.

Skin Contact Flush

with water; consult physician in case of lasting noticeable skin response.

Eye Contact Flush

immediately with copious amounts of water, consult a physician if irritation or disturbance in vision occur.

---

### **SECTION V – FIRE FIGHTING MEASURES**

Extinguishing

Agents: Foam, carbon dioxide or dry material.

Protective Equipment: Wear selfcontained respiratory protective device and a fully protective suit.

---

### **SECTION VI – ACCIDENTAL RELEASE MEASURES**

In case of material spill or release, absorb with inert materials such as dry sand and place in closed container for disposal as solid waste. If large quantities are involved, check State and Local regulations.

---

#### **SECTION VII – HANDLING AND STORAGE**

HANDLING PRECAUTIONS: Keep materials capped all the time after use.

SAFE STORAGE CONDITIONS: Avoid storage at storage at elevated temperatures. Store at room temperature (68-72°

F) and out of direct light.

---

#### **SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Respiratory Protection: Face mask recommended for prolonged exposure.

Eye Protection: OSHA approved goggles.

Protective Gloves: Yes.

---

#### **SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Form Paste

Color White

Odor Resin

Like

Melting Point: N/A

Boiling Point: N/A

Flash Point: Above 240F

Auto Ignition Temperature: N/A

Danger of Explosion: Unlikely

Density: 11.2

g/cm<sup>3</sup>

Vapor Pressure: N/A

Viscosity: High

pH: N/A

Soluble in Water: YES

---

#### **SECTION X – STABILITY AND REACTIVITY**

Stability: Stable

Materials and Conditions to Avoid: Heat

Hazardous Polymerization: Carbon monoxide, carbon dioxide and irritant vapors or gases.

---

#### **SECTION XI – TOXICOLOGICAL INFORMATION**

None Available.

---

#### **SECTION XII – ECOLOGICAL INFORMATION**

None Available.

---

**SECTION XIII – DISPOSAL CONSIDERATIONS**

Dispose in accordance with Federal, State, and local regulations.

EPA Hazardous Waste Number (RCRA): NonHazardous

---

**SECTION XIV – TRANSPORT INFORMATION**

Not classified as dangerous goods according to IATA Regulations.

---

**SECTION XV – REGULATORY INFORMATION**

Contact 3D Dental for more information regarding regulatory information.

---

**SECTION XVI – OTHER INFORMATION**

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof.

3D Dental Design & Development LLC, Inc. however, makes no representations as to the completeness or accuracy of this

information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability

for their purposes prior to use. In no event will 3D Dental be responsible for damages of any nature whatsoever resulting from

the use of or reliance upon information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE

OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION

REFERS.

---

---