

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product identifier**

**Product Name** Corning 3D Clear  
**Product Code** 5731 , 5732, 5733

**Other means of identification**

**Pure substance/mixture** Mixture

**Recommended use of the chemical and restrictions on use**

For research use only. Not Intended for Diagnostic or Therapeutic Use.

**Details of the supplier of the safety data sheet**

**Company Name** Corning Incorporated  
 836 North Street  
 Tewksbury, MA 01876

**E-mail address** ScientificSupport@corning.com

**Emergency telephone number**

Chemtrec: +1-800-424-9300 (USA), +1-703-527-3887 (International; Call collect)  
 Chemtrec Customer Number: CCN5688\*

**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Category 3
Acute toxicity - Inhalation (Gases)	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 3
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1
Flammable liquids	Category 1

**Label elements****Signal word****Hazard statements**

Danger  
 H301 - Toxic if swallowed  
 H311 - Toxic in contact with skin  
 H331 - Toxic if inhaled  
 H370 - Causes damage to organs  
 H226 - Flammable liquid and vapor

**Precautionary statements**

P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 P321 - Specific treatment (see supplemental first aid instructions on this label)

P330 - Rinse mouth  
 P405 - Store locked up  
 P501 - Dispose of contents/ container to an approved waste disposal plant  
 P280 - Wear protective gloves and protective clothing  
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
 P312 - Call a POISON CENTER or doctor if you feel unwell  
 P321 - Specific treatment (see .? on this label)  
 P361 + P364 - Take off immediately all contaminated clothing and wash it before reuse  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
 P271 - Use only outdoors or in a well-ventilated area  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P311 - Call a POISON CENTER or doctor/physician  
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
 P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor

**Hazards not otherwise classified (HNOC)**

Toxic to aquatic life with long lasting effects

Harmful to aquatic life

**Unknown Acute Toxicity**

60% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
Trichloroethanol	115-20-8	10 - 30
PEG-200	25322-68-3	10 - 30
Methyl alcohol	67-56-1	10 - 30
HISTO-M Additive (proprietary)	N/A	10 - 30
Benzyl alcohol	100-51-6	10 - 30

**4. FIRST AID MEASURES****First aid measures****Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. Call a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Call a physician.

**Eye contact**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider**

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Most important symptoms and effects, both acute and delayed****Symptoms**

No information available.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Avoid breathing dust/fume/gas/mist/vapors/spray

**Environmental precautions**

Prevent product from entering drains.

**Methods and material for containment and cleaning up**

Prevent further leakage or spillage if safe to do so. Avoid creating dust. Cover powder spill with plastic sheet or tarp to minimize spreading. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.  
**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl alcohol	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).  
**Hand Protection** Wear protective nitrile rubber gloves.  
**Skin and body protection** Suitable protective clothing.  
**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.  
**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	<b>Odor</b>	No information available
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		

**Property**  
pH

**Values**  
No information available

**Remarks • Method**

<b>Melting point/freezing point</b>	No information available
<b>Boiling point / boiling range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water solubility</b>	No information available
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Explosive properties</b>	No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

None known.

### Incompatible materials

Strong oxidizing agents.

### Hazardous Decomposition Products

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product Information

Toxic in contact with skin Toxic by inhalation, in contact with skin and if swallowed

#### **Inhalation**

Harmful by inhalation. Corrosive by inhalation. Causes burns.

#### **Eye contact**

Avoid contact with eyes. Causes burns.

#### **Skin Contact**

Toxic in contact with skin Wash thoroughly after handling Corrosive Causes burns

#### **Ingestion**

Harmful if swallowed. Causes burns.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol 100-51-6	= 1230 mg/kg ( Rat )	= 2 g/kg ( Rabbit )	= 8.8 mg/L ( Rat ) 4 h
Trichloroethanol 115-20-8	= 600 mg/kg ( Rat )	-	-
PEG-200 25322-68-3	= 22 g/kg ( Rat ) = 28 g/kg ( Rat )	> 20 g/kg ( Rabbit )	-
Methyl alcohol 67-56-1	= 6200 mg/kg ( Rat )	= 15800 mg/kg ( Rabbit ) = 15840 mg/kg ( Rabbit )	= 22500 ppm ( Rat ) 8 h = 64000 ppm ( Rat ) 4 h

### Information on toxicological effects

#### **Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Toxic in contact with skin. Causes burns.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**Unknown Acute Toxicity**

60% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS document**

Oral LD50	185.00 mg/kg
Dermal LD50	521.70 mg/kg
Gas	1,400.00 mg/l
Mist	0.75 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity****Persistence and degradability**

No information available.

**Bioaccumulation**

No information available

**Mobility in soil**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	California Hazardous Waste Status
Methyl alcohol 67-56-1	Toxic Ignitable

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

**15. REGULATORY INFORMATION****US Federal Regulations**

SARA 311/312 Hazard Categories

CWA (Clean Water Act)

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methyl alcohol	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

**US State Regulations****California Proposition 65**

Chemical Name	California Proposition 65
Methyl alcohol (CAS #: 67-56-1)	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Benzyl alcohol (CAS #: 100-51-6)	-	X	X
Methyl alcohol (CAS #: 67-56-1)	X	X	X

**16. OTHER INFORMATION**

Version 2

Revision Date

03-Jun-2020

Revision Note

Not Applicable

**Disclaimer**

To the best of our knowledge, the information contained herein is accurate. However, neither Corning Incorporated nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet