INSTRUCTIONS
StarFlowTM is a visible light-cured, highly filled flowable microhybrid composite for anterior and selected posterior restorations. Star Flow is well suited for Class 3, 4, and 5 restorations, and also serves as a pit and fissure sealant. Star Flow may also be used on small select Class 1 restorations, but is generally not indicated for any Class 2 restorations. It is very esthetic, strongly radiopaque, and has very high strength, with excellent color stability, abrasion resistance, and high polishability.

Star Flow is based on a BIS GMA resin and contains inorganic filler particles averaging 0.7 microns. Total filler load is 60 % by weight.

Star Flow is available in the most common VITA shades.

INSTRUCTIONS FOR USE OF STAR FLOW
1. Isolate tooth with a rubber dam.

2. Complete conservative cavity preparation with conventional means, or with an air abrasive device (PrepStarTM).

3. Use of Caries Finder is suggested to ensure complete removal of caries.

4. Apply adhesive. Follow bonding adhesive manufacturer’s instructions.

5. Remove and discard syringe cap and install a new 20-gauge needle tip. To avoid air inclusion, point tip upward during composite fill. Leave spent needle tip on Star Flow between uses; natural light will cure the resin and create a seal. To avoid cross-contamination, replace the needle tip between patients, and do not suck back resin.


7. Light-cure Star Flow for 40 seconds.

8. Finish Star Flow with fine diamonds, stones, or burrs. Polish to a high gloss with discs or rubber points. Interproximal finishing is accomplished by fine grit finishing strips.

STORAGE
The shelf life is 3 years when stored at 74°F (25°C). Refrigeration prolongs shelf life.

ADDITIONAL NOTES
- Do not use any resin to adjust viscosity of composite restorative material.
- Do not store the composite material in proximity of eugenol-containing products, nor let the composite come into contact with materials containing eugenol. Eugenol can impair the hardening of the composite, and cause discoloration.
- Contact of resin pastes with skin should be avoided, especially by anyone having known resin allergies.
MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION       MSDS NO. SF01

Company Name: Danville Materials
2021 Omega Road
San Ramon, CA  94583
Phone: (800) 822-9294
Fax:  (925) 838-0944
Prepared: March 1, 1998

SECTION II – HAZARDOUS INGREDIENTS OF MIXTURES

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium Glass</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>BIS GMA</td>
<td>N/L</td>
<td>N/L</td>
</tr>
</tbody>
</table>

SECTION III – PHYSICAL DATA

(ND) = Not Determined   NA = Not Applicable   NL = Not Listed
Vapor Pressure mm HG: ND
Evaporation Rate (Ether = 1): NA
Solubility in H20: Insoluble
Appearance: Tooth-Shaded Resin Paste
Specific Gravity (H2 = 1): > 1

SECTION IV – FIRE AND EXPLOSION

Flash Point: > + 104 deg. F
Extinguishing Media: Carbon Dioxide, foam, dry chemical
Special Fire-Fighting Procedures: None
Flammable Limits: ND
Unusual Fire and Explosion Hazards: None

SECTION V – REACTIVITY DATA

Stability: Unstable ( ) Stable (X)
Conditions to avoid: Prolonged extreme head beyond 40 deg. C, and intense light.
Incompatibility: ND
Hazardous Decomposition Products: None known
Hazardous Polymerization: May occur ( ) Will not occur (X) None

SECTION VI – HEALTH HAZARDS

OSHA Permissible Exposure Limits: None
Other Exposure Limit Used: None
ACGIH Threshold Exposure Limit: None
Chronic, Other: None
Acute Overexposure: Irritation to eyes and skin may occur with uncured resins. May cause skin sensitivity in select individuals.
Medical Conditions generally aggravated by exposure: None known
Hygienic Practices: None
Primary Route(s) of Exposure: Skin: Yes. Inhalation and ingestion: No

SECTION VII – EMERGENCY AND FIRST AID PROCEDURES

Signs of Exposure: Severe skin or eye irritation, redness or burning sensation.
Skin: Wash off affected area with soap and water.
Ingestion: Seek immediate medical advice, carry container with label.
Eyes: Rinse immediately with plenty of water and seek medical advice.
SECTION VIII– SAFE HANDLING & USE PRECAUTIONS
Spill Management: Use absorbent to collect the material. Wash contaminated surfaces with soap and water.
Waste Disposal Methods: This material contains hazardous constituents. Dispose of safely in accordance with local, state, and federal regulations. Avoid temperatures in excess of 40 deg. C.

SECTION IX – PROTECTION INFORMATION/CONTROL MEASURES
Respiratory: None
Eye Protection: Safety goggles
Gloves: Surgical rubber/PVC gloves
Other Clothing & Equipment: Face Mask
Ventilation: None required, local exhaust recommended.