ACCOLADE & STARTFLOW | **MATERIAL SAFETY DATA SHEET**

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

SECTION XI: TOXICOLOGICAL INFORMATION
No evidence of carcinogenicity.

SECTION XII: ECOLOGICAL INFORMATION
Waste may be considered as inert material.

SECTION XIII: DISPOSAL CONSIDERATIONS
Dispose of safely in accordance with local, state, and federal regulations.

SECTION XIV: TRANSPORT INFORMATION
Stable under normal conditions of use, transportation, and storage.

SECTION XV: REGULATORY INFORMATION
510k #: K020760

SECTION XVI: OTHER INFORMATION
None

The data and information given in this material safety data sheet are accurate to the best of our knowledge on the date of preparation. It does not indicate any warranty or representation.

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DANVILLE | **FLOWABLE COMPOSITE**

Accolade™ Startflow™

Accolade and StartFlow are light-cure flowable composites differing mostly in viscosity. StartFlow is highly flowable, more often used as a first increment for "wetting" cavity preparations and for pit and fissure sealing applications. Accolade is highly thixotropic, demonstrating resistance to slumping. It can be used when resistance to gravitational forces is desired. Accolade SRO provides maximum radiopacity. It is ideal as a first increment where good x-ray visibility is required.

Accolade and StartFlow are suitable for class III, IV, and V fillings. The lack of clinical wear studies precludes Danville from recommending any flowable for occlusal surfaces of Class I and II fillings. Accolade and StartFlow are classified as radiopaque microhybrids, having average filler size of 0.7 microns. The filler content in StartFlow is 61% and in Accolade 65% by weight. Danville is not aware of any incompatibilities with other composites. Accolade and StartFlow have long-term fluoride release and have compressive strengths comparable to many conventionally filled, packable hybrids. Both are available in most Vita shades.

Related products, Accolade PV and StartFlow PV, are intended mainly for porcelain veneers. They differ only in shades from the non-PV products.

INSTRUCTIONS FOR USES OF ACCOLADE AND STARTFLOW IN TYPICAL APPLICATIONS.
1. Isolate tooth with a rubber dam or use Danville's Dam Cool™ light-cured dental dam.
2. Complete conservative cavity preparation with conventional means or with an air abrasive device such as Danville's PrepStart™.
3. Use of Danville's Caries Finder™ is suggested to ensure complete removal of caries.
4. Apply bonding agent such as Danville's Prelude™ per manufacturer's instructions.
5. Place sectional matrix such as Danville's Contact Matrix™ to obtain natural interproximal contour, where needed.
6. Discard composite syringe cap. Twist to lock on a new needle tip; for Accolade use an 18-gauge tip and for StartFlow use a 20-gauge tip. Push out air and fill tip with composite material with syringe held in a vertical position to avoid bubble entrapment. (Spent tip serves as a cap between uses. Avoid cross contamination between patients by replacing needle tip and avoid resin suckback. Handpiece barrier plastic sleeves may provide greater prevention of cross-contamination. Insert syringe with new needle tip into barrier sleeve, piercing only the needle tip through the plastic.)
7. Syringe composite into cavity preparation in 2mm maximum increments. Successive layers will directly adhere as long as the oxygen inhibited outer surface

is undisturbed. Otherwise apply a bonding agent between layers.
8. Light-cure each composite increment for 30 seconds with a halogen curing light (assuming a light output of 600 mW/cm^2). Other light sources or intensities require an adjustment to the cure time. See curing light manufacturer's instructions.
9. Class I and II composites are generally layered with a highly filled posterior composite after the flowable composite is cured. Other cavity preparations are often filled without the use of another layered composite.
10. Finish composite with fine diamonds or finishing burs. Polish to a high gloss with discs or composite polishing tools such as Danville's SpinBright™. Interproximal finishing is accomplished with fine grit finishing strips.

STORAGE
Best if stored below 75^0 F (24^0 C)

ADDITIONAL NOTES
Do not store composite material in proximity of eugenol-containing products, nor let the composite come into contact with materials containing eugenol. Eugenol can impair the polymerization of the composite and cause discoloration. Contact of resin-based composites with skin should be avoided, especially by anyone having known resin allergies.

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION
Company: Danville Materials, LLC
3420 Fostoria Way Ste. A-200
San Ramon, CA 94583
Phone: (800) 827-7940
Fax: (925) 973-0764
Prepared: April 29, 2014

SECTION II - HAZARD(S) IDENTIFICATION
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 be caused by 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 III - COMPOSITION/INFO ON INGREDIENTS

Material	OSHA PEL	ACGIH TLV
Barium Glass	15	10
BIS GMA	ND	ND
Amorphous Silica	ND	ND

(ND = Not Determined NA = Not Applicable NL = Not Listed)

SECTION IV - FIRST AID MEASURES
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 V- FIRE FIGHTING MEASURES
Flash Point: >+104^{O}C
Extinguishing Media: Carbon Dioxide, foam, dry chemical
Special Fire Fighting Procedures: None
Flammable Limits: NA
Unusual Fire and Explosion Hazards: None

SECTION VI - ACCIDENTAL RELEASE MEASURES
None

SECTION VII - HANDLING AND STORAGE
Spill Management: Use absorbent to collect the material. Wash contaminated surfaces with soap and water.

SECTION VIII: EXPOSURE CONTROLS /PERSONAL PROTECTION
Respiratory: None
Eye Protection: Safety goggles
Gloves: Surgical rubber/PVC gloves
Other Clothing & Equipment: Face Mask
Ventilation: None required, local exhaust recommended

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES
(ND) = Not Determined NA = Not Applicable
Vapor Pressure mm HG: ND
Evaporation Rate (Ether = 1): NA
Solubility in H_2O: Insoluble
Appearance: Tooth-Shaded Resin Paste
Specific Gravity (H_2O= 1): > 1

~Verified on 2014-09 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-09. ~