

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to  
Section 16. Form 4 or Form 5  
obligations may continue. See  
Instruction 1(b).

Check this box to indicate that a  
transaction was made pursuant to a  
contract, instruction or written plan for  
the purchase or sale of equity  
securities of the issuer that is  
intended to satisfy the affirmative  
defense conditions of Rule 10b5-1(c).  
See Instruction 10.

|                                                                       |         |          |                                                                                                 |  |  |                                                                                                                                                                                                                                   |  |  |
|-----------------------------------------------------------------------|---------|----------|-------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1. Name and Address of Reporting Person*<br><u>Rudick Brian Scott</u> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><u>Solstice Advanced Materials Inc. [ SOLS ]</u> |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>SVP, Gen. Counsel and Corp Sec</u> |  |  |
| (Last)                                                                | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>07/30/2026</u>                           |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person                                             |  |  |
| C/O SOLSTICE ADVANCED MATERIALS INC.<br>115 TABOR ROAD                |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                        |  |  |                                                                                                                                                                                                                                   |  |  |
| (Street)                                                              |         |          |                                                                                                 |  |  |                                                                                                                                                                                                                                   |  |  |
| MORRIS PLAINS                                                         | NJ      | 07950    |                                                                                                 |  |  |                                                                                                                                                                                                                                   |  |  |
| (City)                                                                | (State) | (Zip)    |                                                                                                 |  |  |                                                                                                                                                                                                                                   |  |  |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-------------------------------------------------------------------|------------|---------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
|                                 |                                      |                                                    | Code                           | V | Amount                                                            | (A) or (D) | Price   |                                                                                               |                                                          |                                                       |
| Common Stock                    | 07/30/2026                           |                                                    | M                              |   | 4,234                                                             | A          | (1)     | 11,075                                                                                        | D                                                        |                                                       |
| Common Stock                    | 07/30/2026                           |                                                    | F                              |   | 2,122 <sup>(2)</sup>                                              | D          | \$58.65 | 8,953                                                                                         | D                                                        |                                                       |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                            | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|----------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V |                                                                                        | Date Exercisable                                         | Expiration Date | Title                                                                             | Amount or Number of Shares |                                            |                                                                                                    |                                                           |                                                        |
| Restricted Stock Units                     | (1)                                                    | 07/30/2026                           |                                                    | M                              |   | 4,234                                                                                  | (3)                                                      | (3)             | Common Stock                                                                      | 4,234                      | \$0                                        | 0                                                                                                  | D                                                         |                                                        |
| Restricted Stock Units                     | (1)                                                    |                                      |                                                    |                                |   |                                                                                        | (4)                                                      | (4)             | Common Stock                                                                      | 19,762                     |                                            | 19,762                                                                                             | D                                                         |                                                        |
| Restricted Stock Units                     | (1)                                                    |                                      |                                                    |                                |   |                                                                                        | (5)                                                      | (5)             | Common Stock                                                                      | 5,186                      |                                            | 5,186                                                                                              | D                                                         |                                                        |
| Restricted Stock Units                     | (1)                                                    |                                      |                                                    |                                |   |                                                                                        | (6)                                                      | (6)             | Common Stock                                                                      | 4,696                      |                                            | 4,696                                                                                              | D                                                         |                                                        |
| Restricted Stock Units                     | (1)                                                    |                                      |                                                    |                                |   |                                                                                        | (7)                                                      | (7)             | Common Stock                                                                      | 6,060                      |                                            | 6,060                                                                                              | D                                                         |                                                        |
| Stock Option (Right to buy)                | \$44.95                                                |                                      |                                                    |                                |   |                                                                                        | (8)                                                      | 02/10/2032      | Common Stock                                                                      | 6,843                      |                                            | 6,843                                                                                              | D                                                         |                                                        |
| Stock Option (Right to buy)                | \$46.03                                                |                                      |                                                    |                                |   |                                                                                        | (9)                                                      | 02/22/2033      | Common Stock                                                                      | 11,989                     |                                            | 11,989                                                                                             | D                                                         |                                                        |
| Stock Option (Right to buy)                | \$46.79                                                |                                      |                                                    |                                |   |                                                                                        | (10)                                                     | 02/28/2034      | Common Stock                                                                      | 19,570                     |                                            | 19,570                                                                                             | D                                                         |                                                        |
| Stock Option (Right to buy)                | \$50.59                                                |                                      |                                                    |                                |   |                                                                                        | (11)                                                     | 03/02/2035      | Common Stock                                                                      | 22,559                     |                                            | 22,559                                                                                             | D                                                         |                                                        |

Explanation of Responses:

- 1. Each restricted stock unit ("RSU") represents a contingent right to receive one share of Solstice Advanced Materials Inc. (the "Issuer") common stock. Fractional amounts have been rounded to the nearest whole number.
- 2. Represents shares withheld for taxes upon vesting of RSUs.
- 3. The RSUs vested on July 30, 2026.
- 4. The RSUs will vest in equal installments on each of October 30, 2028 and October 30, 2029, subject to continued employment.
- 5. The RSUs will vest on March 1, 2027, subject to continued employment.
- 6. The RSUs will vest on March 3, 2028, subject to continued employment.
- 7. The RSUs will vest 33% on each of February 24, 2027 and February 24, 2028, and 34% on February 24, 2029, subject to continued employment.
- 8. Options are fully vested and exercisable.
- 9. Options vest and become exercisable in equal installments on each of February 23, 2026 and February 23, 2027.
- 10. Options vest and become exercisable in three equal installments on each of March 1, 2026, March 1, 2027 and March 1, 2028.
- 11. Options vest and become exercisable in four equal installments on each of March 3, 2026, March 3, 2027, March 3, 2028 and March 3, 2029.

Remarks:

/s/ Jay Shah for Brian Rudick      08/03/2026

\*\* Signature of Reporting Person      Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.