

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* <u>Mawson Simon</u>			2. Issuer Name and Ticker or Trading Symbol <u>Solstice Advanced Materials Inc. [SOLS]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>SVP, Elec & Spec Materials</u>		
(Last) (First) (Middle) <u>C/O SOLSTICE ADVANCED MATERIALS INC.</u> <u>115 TABOR ROAD</u>			3. Date of Earliest Transaction (Month/Day/Year) <u>08/01/2026</u>			6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(Street) <u>MORRIS PLAINS</u> <u>NJ</u> <u>07950</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(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	08/01/2026		M		2,348 ⁽¹⁾	A	⁽²⁾	3,605	D	
Common Stock	08/01/2026		F		825 ⁽³⁾	D	\$59.36	2,780	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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	⁽²⁾	08/01/2026		M			2,349	⁽⁴⁾	⁽⁴⁾	Common Stock	2,349	\$0	2,416	D	
Restricted Stock Units	⁽²⁾							⁽⁵⁾	⁽⁵⁾	Common Stock	19,762		19,762	D	
Restricted Stock Units	⁽²⁾							⁽⁶⁾	⁽⁶⁾	Common Stock	2,040		2,040	D	
Restricted Stock Units	⁽²⁾							⁽⁷⁾	⁽⁷⁾	Common Stock	1,943		1,943	D	
Restricted Stock Units	⁽²⁾							⁽⁸⁾	⁽⁸⁾	Common Stock	6,792		6,792	D	
Restricted Stock Units	⁽²⁾							⁽⁹⁾	⁽⁹⁾	Common Stock	6,897		6,897	D	
Restricted Stock Units	⁽²⁾							⁽¹⁰⁾	⁽¹⁰⁾	Common Stock	6,060		6,060	D	
Stock Option (Right to buy)	\$43.65							⁽¹¹⁾	06/12/2032	Common Stock	2,507		2,507	D	
Stock Option (Right to buy)	\$46.03							⁽¹²⁾	02/22/2033	Common Stock	4,833		4,833	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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to buy)	\$46.79							(13)	02/28/2034	Common Stock	7,691		7,691	D	
Stock Option (Right to buy)	\$50.59							(14)	03/02/2035	Common Stock	9,312		9,312	D	

Explanation of Responses:

1. Reflects the settlement of fractional shares in cash.
2. 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.
3. Represents shares withheld for taxes upon vesting of RSUs.
4. The RSUs vest 2,344 on August 1, 2026 and 2,411 on August 1, 2027 (in each case, not including dividend equivalent rights), subject to continued employment.
5. The RSUs will vest in equal installments on each of October 30, 2028 and October 30, 2029, subject to continued employment.
6. The RSUs will vest on March 1, 2027, subject to continued employment.
7. The RSUs will vest on March 3, 2028, subject to continued employment
8. The RSUs will vest 2,239 on March 3, 2027, 2,234 on March 3, 2028 and 2,306 on March 3, 2029 (in each case, not including dividend equivalent rights), subject to continued employment.
9. The RSUs will vest in equal installments on each of March 17, 2027 and March 17, 2028, subject to continued employment.
10. 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.
11. Options are fully vested and exercisable.
12. Options vest and become exercisable in equal installments on each of February 23, 2026 and February 23, 2027.
13. Options vest and become exercisable in three equal installments on each of March 1, 2026, March 1, 2027 and March 1, 2028.
14. 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 Simon Mawson 08/04/2026

** 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.