

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**SCHEDULE 13G**

Under the Securities Exchange Act of 1934

Huntsman Corporation  
(Name of Issuer)

Common Stock, \$0.01 par value  
(Title of Class of Securities)

447011107  
(CUSIP Number)

August 2, 2007  
(Date of Event Which Requires Filing of this Statement)

Check the following box to designate the rule pursuant to which the Schedule is filed:

- ☐ Rule 13d-1(b)  
☒ Rule 13d-1(c)  
☐ Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1.	Names of Reporting Persons	
	I.R.S. Identification Nos. of above persons (entities only)	
	D. E. Shaw Valence Portfolios, L.L.C.	
	13-4046559	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
(a)	<input type="checkbox"/>	
(b)	<input type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization	
	Delaware	

Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power
		-0-
	6.	Shared Voting Power
		20,621,400
	7.	Sole Dispositive Power
	-0-	
	8.	Shared Dispositive Power
		20,621,400

9.	Aggregate Amount Beneficially Owned by Each Reporting Person
	20,621,400
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>
11.	Percent of Class Represented by Amount in Row (9)
	9.3%
12.	Type of Reporting Person (See Instructions)
	OO

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1.

Names of Reporting Persons

I.R.S. Identification Nos. of above persons (entities only)

D. E. Shaw & Co., L.P.

13-3695715

2.

Check the Appropriate Box if a Member of a Group (See Instructions)

(a)

☐

(b)

☐

3.

SEC Use Only

4.

Citizenship or Place of Organization

Delaware

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

5.

Sole Voting Power

-0-

6.

Shared Voting Power

20,621,597

7.

Sole Dispositive Power

-0-

8.

Shared Dispositive Power

20,621,597

9.

Aggregate Amount Beneficially Owned by Each Reporting Person

20,621,597

10.

Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

☐

11.

Percent of Class Represented by Amount in Row (9)

9.3%

12.

Type of Reporting Person (See Instructions)

IA, PN

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1. Names of Reporting Persons  
I.R.S. Identification Nos. of above persons (entities only)  
David E. Shaw

2. Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) ☐  
(b) ☐

3. SEC Use Only

4. Citizenship or Place of Organization  
United States

Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power -0-
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6.	Shared Voting Power 20,621,597
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7.	Sole Dispositive Power -0-
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8.	Shared Dispositive Power 20,621,597
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9. Aggregate Amount Beneficially Owned by Each Reporting Person  
20,621,597

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) ☐

11. Percent of Class Represented by Amount in Row (9)  
9.3%

12. Type of Reporting Person (See Instructions)  
IN

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**Item 1.**

- (a) **Name of Issuer:**  
Huntsman Corporation
- (b) **Address of Issuer's Principal Executive Offices:**  
500 Huntsman Way  
Salt Lake City, Utah 84108

**Item 2.**

- (a) **Name of Person Filing:**  
D. E. Shaw Valence Portfolios, L.L.C.  
D. E. Shaw & Co., L.P.  
David E. Shaw
- (b) **Address of Principal Business Office or, if none, Residence:**  
The business address for each reporting person is:  
120 W. 45<sup>th</sup> Street, Tower 45, 39<sup>th</sup> Floor  
New York, NY 10036
- (c) **Citizenship:**  
D. E. Shaw Valence Portfolios, L.L.C. is a limited liability company organized under the laws of the state of Delaware.  
D. E. Shaw & Co., L.P. is a limited partnership organized under the laws of the state of Delaware.  
David E. Shaw is a citizen of the United States of America.
- (d) **Title of Class of Securities:**  
Common Stock, \$0.01 par value
- (e) **CUSIP Number:**  
447011107

**Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:**

Not applicable

**Item 4. Ownership**

As of August 2, 2007:

(a) Amount beneficially owned:

D. E. Shaw Valence Portfolios, L.L.C.:	20,621,400 shares
D. E. Shaw & Co., L.P.:	20,621,597 shares
	This is composed of (i) 197 shares in the name of D. E. Shaw Synoptic Portfolios 2, L.L.C. and (ii) 20,621,400 shares in the name of D. E. Shaw Valence Portfolios, L.L.C.

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David E. Shaw:	20,621,597 shares
	This is composed of (i) 197 shares in the name of D. E. Shaw Synoptic Portfolios 2, L.L.C. and (ii) 20,621,400 shares in the name of D. E. Shaw Valence Portfolios, L.L.C.

(b) Percent of class:	
D. E. Shaw Valence Portfolios, L.L.C.:	9.3%
D. E. Shaw & Co., L.P.:	9.3%
David E. Shaw:	9.3%

(c) Number of shares to which the person has:	
(i) Sole power to vote or to direct the vote:	
D. E. Shaw Valence Portfolios, L.L.C.:	-0- shares
D. E. Shaw & Co., L.P.:	-0- shares
David E. Shaw:	-0- shares
(ii) Shared power to vote or to direct the vote:	
D. E. Shaw Valence Portfolios, L.L.C.:	20,621,400 shares
D. E. Shaw & Co., L.P.:	20,621,597 shares
David E. Shaw:	20,621,597 shares
(iii) Sole power to dispose or to direct the disposition of:	
D. E. Shaw Valence Portfolios, L.L.C.:	-0- shares
D. E. Shaw & Co., L.P.:	-0- shares
David E. Shaw:	-0- shares
(iv) Shared power to dispose or to direct the disposition of:	
D. E. Shaw Valence Portfolios, L.L.C.:	20,621,400 shares
D. E. Shaw & Co., L.P.:	20,621,597 shares
David E. Shaw:	20,621,597 shares

David E. Shaw does not own any shares directly. By virtue of David. E. Shaw’s position as President and sole shareholder of D. E. Shaw & Co., Inc., which is the general partner of D. E. Shaw & Co., L.P., which in turn is the investment adviser of D. E. Shaw Synoptic Portfolios 2, L.L.C., and the managing member and investment adviser of D. E. Shaw Valence Portfolios, L.L.C., and by virtue of David. E. Shaw’s position as President and sole shareholder of D. E. Shaw & Co. II, Inc., which is the managing member of D. E. Shaw & Co., L.L.C., which in turn is the managing member of D. E. Shaw Synoptic Portfolios 2, L.L.C., David E. Shaw may be deemed to have the shared power to vote or direct the vote of, and the shared power to dispose or direct the disposition of, the 20,621,597 shares as described above constituting 9.3% of the outstanding shares and, therefore, David. E. Shaw may be deemed to be the beneficial owner of such shares. David. E. Shaw disclaims beneficial ownership of such 20,621,597 shares.

**Item 5. Ownership of Five Percent or Less of a Class**  
 Not Applicable

**Item 6. Ownership of More than Five Percent on Behalf of Another Person**  
 Not Applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person**  
 Not Applicable

**Item 8. Identification and Classification of Members of the Group**  
 Not Applicable

**Item 9. Notice of Dissolution of Group**  
 Not Applicable

**Item 10. Certification**  
 By signing below, each of D. E. Shaw Valence Portfolios, L.L.C., D. E. Shaw & Co., L.P., and David E. Shaw certify that, to the best of such reporting person’s knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purposes or effect.

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**SIGNATURE**

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct. A Power of Attorney, dated February 24, 2004, granted by David E. Shaw in favor of Julius Gaudio, is attached hereto.

Dated: August 3, 2007

D. E. Shaw Valence Portfolios, L.L.C.

By: D. E. Shaw & Co., L.P., as managing member

By: /s/ Julius Gaudio

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Julius Gaudio  
Managing Director

D. E. Shaw & Co., L.P.

By: /s/ Julius Gaudio

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Julius Gaudio  
Managing Director

David E. Shaw

By: /s/ Julius Gaudio

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Julius Gaudio  
Attorney-in-Fact for David E. Shaw

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**Exhibit 1**

POWER OF ATTORNEY  
FOR CERTAIN FILINGS  
UNDER THE SECURITIES EXCHANGE ACT OF 1934

I, David E. Shaw, hereby make, constitute and appoint each of:

Anne Dinning,

Julius Gaudio,

Lou Salkind,

Stuart Steckler, and

Eric Wepsic,

acting individually, as my agent and attorney-in-fact, with full power of substitution, for the purpose of, from time to time, executing in my name and/or my capacity as President of D. E. Shaw & Co., Inc. (acting for itself or as the general partner of D. E. Shaw & Co., L.P. and general partner or managing member of other entities, any which in turn may be acting for itself or other entities) all documents, certificates, instruments, statement, other filings, and amendments to the forgoing (collectively, "documents") determined by such person to be necessary or appropriate to comply with ownership or control-person reporting requirements imposed by any United States or non-United States governmental or regulatory authority, including without limitation Forms 3, 4, 5, 13D, 13F, and 13G required to be filed with the Securities and Exchange Commission; and delivering, furnishing or filing any such documents with the appropriate governmental or regulatory authority. Any such determination shall be conclusively evidenced by such person's execution, delivery, furnishing, and/or filing of the applicable document.

This power of attorney shall be valid from the date hereof and replaces the power granted on February 5, 2001, which is hereby cancelled.

IN WITNESS HEREOF, I have executed this instrument as of the date set forth below.

Date: February 24, 2004

DAVID E. SHAW, as President of  
D. E. Shaw & Co., Inc.  
/s/ David E. Shaw  
New York, New York

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**Exhibit 2**

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, each of the undersigned Reporting Persons hereby agrees to the joint filing, along with all other such Reporting Persons, on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock, \$0.01 par value, of Huntsman Corporation, and that this Agreement be included as an Exhibit to such joint filing. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, each of the undersigned hereby executes this Agreement as of this 3rd day of August, 2007.

D. E. Shaw Valence Portfolios, L.L.C.

By: D. E. Shaw & Co., L.P., as  
managing member

By: /s/ Julius Gaudio

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Julius Gaudio  
Managing Director

D. E. Shaw & Co., L.P.

By: /s/ Julius Gaudio

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Julius Gaudio  
Managing Director

David E. Shaw

By: /s/ Julius Gaudio

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Julius Gaudio  
Attorney-in-Fact for David E. Shaw

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