

<div>Form 5500-SF</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Short Form Annual Return/Report of Small Employee Benefit Plan</div> <div>This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500-SF.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☒ a single-employer plan ☐ a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
B	This return/report is ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ DFVC program ☐ special extension (enter description)
D	If the plan is a collectively-bargained plan, check here ▶ ☐
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here ▶ ☐

Part II	Basic Plan Information—enter all requested information	
1a	Name of plan SHINCOR SILICONES, INC. RETIREMENT PLAN FOR U.S. EMPLOYEES	1b Three-digit plan number (PN) ▶ 001
		1c Effective date of plan 08/01/1991
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) SHIN-ETSU SILICONES OF AMERICA, INC. 1150 DAMAR DRIVE AKRON, OH 44305	2b Employer Identification Number (EIN) 95-4015700
		2c Sponsor's telephone number 330-630-9460
		2d Business code (see instructions) 325200
3a	Plan administrator's name and address ☒ Same as Plan Sponsor.	3b Administrator's EIN
		3c Administrator's telephone number
4	If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name	4b EIN
		4d PN
5a	Total number of participants at the beginning of the plan year	5a 83
b	Total number of participants at the end of the plan year	5b 83
c(1)	Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	5c(1)
c(2)	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c(2)
d(1)	Total number of active participants at the beginning of the plan year	5d(1) 18
d(2)	Total number of active participants at the end of the plan year	5d(2) 18
e	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	5e 0

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2024	MIKE CORNETT
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.)..... ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.)..... ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 516436. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	6117992	6427011
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	6117992	6427011
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	110645	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	722949	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		833594
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	500578	
e Certain deemed and/or corrective distributions (see instructions) ..	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	23997	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		524575
i Net income (loss) (subtract line 8h from line 8c)	8i		309019
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 1I 3H
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	
c Was the plan covered by a fidelity bond?	10c	X		500000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		X	
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11	Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below.....	☒ Yes ☐ No
a	Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40	11a 0
b	PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:	
	☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____	

12	Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.	☐ Yes ☒ No
a	If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month Day Year	
If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.		
b	Enter the minimum required contribution for this plan year	12b
c	Enter the amount contributed by the employer to the plan for this plan year	12c
d	Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)	12d
e	Will the minimum funding amount reported on line 12d be met by the funding deadline?	☐ Yes ☐ No ☐ N/A

Part VII Plan Terminations and Transfers of Assets

13a	Has a resolution to terminate the plan been adopted in any plan year?	☐ Yes ☒ No
a	If "Yes," enter the amount of any plan assets that reverted to the employer this year.....	13a
b	Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	
	☐ Yes ☒ No	
c	If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)	
13c(1)	13c(2)	13c(3)
Name of plan(s):	EIN(s)	PN(s)

Part VIII IRS Compliance Questions

14a	Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No	
14b	If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).	
	☐ Design-based safe harbor method ☐ "Prior year" ADP test ☐ "Current year" ADP test ☒ N/A	
15	If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ____/____/____ (MM/DD/YYYY) and the Opinion Letter serial number _____.	

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
▶ Round off amounts to nearest dollar.	
▶ Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan SHINCOR SILICONES, INC. RETIREMENT PLAN FOR U.S. EMPLOYEES	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF SHIN-ETSU SILICONES OF AMERICA, INC.	D Employer Identification Number (EIN) 95-4015700
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2023			
2	Assets:			
a	Market value	2a	6114790	
b	Actuarial value	2b	6114790	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	41	5028115	5028115
b	For terminated vested participants	24	1135423	1135423
c	For active participants	18	1299883	1299883
d	Total	83	7463421	7463421
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) ☐			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	5.21 %	
6	Target normal cost			
a	Present value of current plan year accruals	6a	0	
b	Expected plan-related expenses	6b	27654	
c	Target normal cost	6c	27654	

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<div>SIGN HERE</div>	<div>Signature of actuary</div> <div>JEFFREY A. SCHAPPEL, EA, MAAA, FCA</div> <div>Type or print name of actuary</div> <div>CBIZ BENEFITS & INSURANCE SERVICES</div> <div>Firm name</div> <div>5959 ROCKSIDE WOODS BLVD N SUITE 600 CLEVELAND, OH 44131</div> <div>Address of the firm</div>	<div>Date</div> <div>23-07786</div> <div>Most recent enrollment number</div> <div>216-525-1990</div> <div>Telephone number (including area code)</div>
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Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	325441
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	71181
9	Amount remaining (line 7 minus line 8)	0	254260
10	Interest on line 9 using prior year's actual return of <u>-14.92</u> %	0	-37936
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		181277
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.37</u> %		5912
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		-10620
c	Total available at beginning of current plan year to add to prefunding balance		176569
d	Portion of (c) to be added to prefunding balance		176569
12	Other reductions in balances due to elections or deemed elections	0	248840
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	144053

Part III		Funding Percentages	
14	Funding target attainment percentage	14	80.00 %
15	Adjusted funding target attainment percentage	15	80.00 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	95.32 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls	
18 Contributions made to the plan for the plan year by employer(s) and employees:			
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	
09/13/2024	110645	0	
Totals ►		18(b)	110645
		18(c)	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0
b Contributions made to avoid restrictions adjusted to valuation date	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 101498
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☒ Yes ☐ No
c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year	
(1) 1st	(2) 2nd
0	0
(3) 3rd	(4) 4th
0	0

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost
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21 Discount rate:			
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 4
22 Weighted average retirement age			22 65
23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute			

Part VI	Miscellaneous Items
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24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
26 Demographic and benefit information		
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.		☒ Yes ☐ No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...		☐ Yes ☒ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27	

Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years
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28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII	Minimum Required Contribution For Current Year
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31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....		31a	27654
b Excess assets, if applicable, but not greater than line 31a		31b	0
32 Amortization installments:		Outstanding Balance	Installment
a Net shortfall amortization installment		1492684	142657
b Waiver amortization installment			0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....		34	170311
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	144053	144053
36 Additional cash requirement (line 34 minus line 35).....		36	26258
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....		37	101498
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	75240
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	75240
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39	0
40 Unpaid minimum required contributions for all years		40	0

Part IX	Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)
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41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☒ 2020 ☐ 2021
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SCHEDULE SB ATTACHMENT

Line 26 - Schedule of Active Participant Data

Plan Name: Shincor Silicones, Inc. Retirement Plan for U.S. Employees

EIN/PN: 95-4015700/001

Valuation Date: January 1, 2023

Age	Years of Credited Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Over	
Under 25	-	-	-	-	-	-	-	-	-	-	-
25 to 29	-	-	-	-	-	-	-	-	-	-	-
30 to 34	-	-	-	-	-	-	-	-	-	-	-
35 to 39	-	-	-	-	-	-	-	-	-	-	-
40 to 44	-	2	2	-	-	-	-	-	-	-	4
45 to 49	-	1	1	-	-	-	-	-	-	-	2
50 to 54	-	1	1	-	2	-	-	-	-	-	4
55 to 59	-	-	-	-	2	1	-	-	-	-	3
60 to 64	-	-	1	-	2	-	-	-	-	-	3
65 to 69	-	-	-	-	-	1	-	-	-	-	1
70 & Over	-	-	-	1	-	-	-	-	-	-	1
Total	-	4	5	1	6	2	-	-	-	-	18

SUMMARY OF ASSUMPTIONS

Funding Discount Rates IRS-Prescribed Three-Segment Rates, for the fourth month prior to the valuation date (September).

	Non-Stabilized	Limited to 25-Year Corridor
Segment 1:	1.41%	4.75%
Segment 2:	3.09%	5.00%
Segment 3:	3.58%	5.74%

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the American Rescue Plan Act of 2021 ('ARPA-21') for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

The interest rates used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.

Effective Interest Rate The Effective Interest Rate (EIR) for the current Plan Year is 5.21%. For the prior Plan Year, the EIR was 5.37%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would equal the Funding Target determined using the Plan Sponsor's above elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Funding Expected Return on Assets Not applicable for funding calculation purposes. A smoothing method is not used to calculate the Actuarial Value of Assets; therefore, the Expected Return on Assets is not used.

Funding Administrative Expenses Administrative expenses were assumed to equal actual expenses in the prior year. Under this assumption, expenses of \$27,654 were included in the Normal Cost.

Salary Scale Not applicable. Plan accruals are frozen.

Inflation None.

Funding Mortality §430(h) Optional Combined Annuitant/Non-Annuitant Tables for the Current Plan Year

Disability Mortality is assumed to be the same as that used for Healthy Retirees.

The mortality assumptions used to value the Target Liability for determining the minimum and maximum contributions are prescribed by law and based on elections made by the Plan Sponsor.

Withdrawal Rates T-7 LESS GA51M. Below is a table of representative rates.

Age	Rates
20	9.94%
25	9.67%
30	9.30%
35	8.71%
40	7.75%
45	6.35%
50	4.22%
55	1.55%
60	0.15%

Benefit Commencement Age

Future deferred vested participants are assumed to commence at the Plan's Normal Retirement Age, or valuation age, if later.

Because the employer does not have enough data to do a fully credible experience analysis with respect to termination from active employment, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.

Disability Incidence None.

Retirement Rates All participants are assumed to retire at Age 62, or valuation age, if later.

Because the employer does not have enough data to do a fully credible experience analysis with respect to retirement (from active employment or by terminated vested participants), the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.

Spousal Assumptions

100% of males and 100% of females are assumed to be married.

Females are assumed to be 3 years younger than males.

Because the employer does not have enough data to do a fully credible experience analysis with respect to spousal information, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.

Form of Payment

Participants are assumed to take an annuity in the Normal Form of Payment.

Because the employer does not have enough data to do a fully credible experience analysis with respect to Form of Payment, the current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, participant composition, as well as discussions with the Plan Sponsor.

Changes in non-required Funding assumptions since the prior valuation

None.

Changes in the prescribed Funding assumptions since the prior valuation

The mortality table was updated from the IRS 2022 Small Plan Combined Mortality Table to the IRS 2023 Small Plan Combined Mortality Table.

The Funding and PBGC Discount Rates were changed from those shown in the 2022 valuation report to the rates shown above.

SUMMARY OF METHODS

Minimum Funding Cost Method

The actuarial cost method used to determine the liabilities is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

Maximum Deductible Contribution Method

The actuarial cost method used to determine the liabilities is the Traditional Unit Credit method. The objective under this method is to fund each participant's benefits under the plan as they accrue. Under this cost method, the actuarial accrued liability is the sum of the individual accrued liabilities for all participants and the normal cost is the sum of the individual normal costs for each participant. The individual accrued liability for a participant is the present value of the accrued benefit as of the valuation date taking into account service and/or pay as of the valuation date. The individual normal cost for a participant is the present value of the benefit expected to accrue in the plan year being valued.

If a plan is frozen, there is no normal cost attributable to benefit accruals.

Asset Method

We used financial data submitted by the trustee as of the valuation date without further audit. We have reviewed the information for internal consistency, and we have no reason to doubt its substantial accuracy.

Funding Actuarial Value of Assets

For funding purposes, the Actuarial Value of Assets is equal to the Market Value of Assets.

Accrued contributions are discounted back to the valuation date at the prior year's effective interest rate.

Changes in methods since the prior valuation

None.

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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

Round off amounts to nearest dollar.
Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan SHINCOR SILICONES, INC. RETIREMENT PLAN FOR U.S. EMPLOYEES		B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Shin-Etsu Silicones of America, Inc.		D Employer Identification Number (EIN) 95-4015700
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500	

Part I Basic Information			
1 Enter the valuation date: Month 01 Day 01 Year 2023			
2 Assets:			
a Market value.....	2a	6,114,790	
b Actuarial value	2b	6,114,790	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	41	5,028,115	5,028,115
b For terminated vested participants.....	24	1,135,423	1,135,423
c For active participants.....	18	1,299,883	1,299,883
d Total	83	7,463,421	7,463,421
4 If the plan is in at-risk status, check the box and complete lines (a) and (b).....			
a Funding target disregarding prescribed at-risk assumptions.....		4a	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor		4b	
5 Effective interest rate.....	5	5.21%	
6 Target normal cost			
a Present value of current plan year accruals.....	6a	0	
b Expected plan-related expenses	6b	27,654	
c Target normal cost.....	6c	27,654	

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<div>SIGN HERE</div> <div>jeffrey A. Schapel, EA, FCA, MAAA</div> <div>Signature of actuary</div> <div>JEFFREY A. SCHAPEL, EA, MAAA, FCA</div> <div>Type or print name of actuary</div> <div>CBIZ BENEFITS & INSURANCE SERVICES</div> <div>Firm name</div> <div>5959 Rockside Woods Blvd N Suite 600 Cleveland OH 44131</div> <div>Address of the firm</div>	<div>10/10/2024</div> <div>Date</div> <div>2307786</div> <div>Most recent enrollment number</div> <div>216-525-1990</div> <div>Telephone number (including area code)</div>
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Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	325,441
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	71,181
9	Amount remaining (line 7 minus line 8)	0	254,260
10	Interest on line 9 using prior year's actual return of <u>-14.92</u> %	0	-37,936
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		181,277
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.37</u> %		5,912
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		-10,620
	c Total available at beginning of current plan year to add to prefunding balance		176,569
	d Portion of (c) to be added to prefunding balance		176,569
12	Other reductions in balances due to elections or deemed elections	0	248,840
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	144,053

Part III		Funding Percentages	
14	Funding target attainment percentage	14	80.00 %
15	Adjusted funding target attainment percentage	15	80.00 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	95.32 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV		Contributions and Liquidity Shortfalls			
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
09/13/2024	110,645	0			
Totals ►			18(b)	110,645	18(c)
					0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years	19a 0
b Contributions made to avoid restrictions adjusted to valuation date.	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.	19c 101,498
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☒ Yes ☐ No
c If line 20a is "Yes," see instructions and complete the following table as applicable:	

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 4
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
26 Demographic and benefit information		
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	☐ Yes	☒ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years.....	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	27,654	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	1,492,684	142,657	
b Waiver amortization installment		0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	170,311	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	144,053	144,053
36 Additional cash requirement (line 34 minus line 35)	36	26,258	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	101,498	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	75,240	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	75,240	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years.....	40	0	

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☒ 2020 ☐ 2021
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SCHEDULE SB ATTACHMENT
Line 22 - Weighted Average Retirement Age

Plan Name: Shincor Silicones, Inc. Retirement Plan for U.S. Employees
EIN/PN: 95-4015700/001
Valuation Date: January 1, 2023

Each participant is assumed to retire at his/her normal retirement age of 65.

SCHEDULE SB ATTACHMENT
Line 19 - Discounted Employer Contributions

Plan Name: Shincor Silicones, Inc. Retirement Plan for U.S. Employees

EIN/PN: 95-4015700/001

Valuation Date: January 1, 2023

			Effective		Penalty	Additional	Present
	Amount of	Plan Year	Interest	Amount	Interest	Amount	Value on
Date	Contribution	Beginning	Rate	Discounted	Rate	Discounted	Valuation
9/13/2024	110,645	1/1/2023	5.21%	9,147	N/A	N/A	101,498
Total	110,645						101,498

SUMMARY OF PRINCIPAL PLAN PROVISIONS

Plan Effective Date	August 1, 1991. The plan was last restated effective January 1, 2012 and most recently amended effective July 1, 2013.
Eligibility Requirements	None.
Vesting	100% vesting upon earning 5 Years of Vesting Service.
Accrued Benefit Formula	1.2% of Average Monthly Compensation per Year of Service. Accrued Benefits were frozen as of December 31, 2010.
Average Compensation	Average Compensation is the highest consecutive three year average of pensionable earnings, out of the last ten calendar years.
Credited Service	Elapsed time method.
Vesting Service	Elapsed time method.
Normal Retirement Age	Upon attainment of 65.
Early Retirement	<p><u>Eligibility:</u> Upon attainment of age 55 and completion of 5 Years of Service.</p> <p><u>Benefit:</u> The accrued benefit multiplied by the appropriate factor below:</p>

Age	Factor
55	0.720
56	0.785
57	0.850
58	0.880
59	0.910
60	0.940
61	0.970
62	1.000

Disability Retirement None.

Pre-Retirement Death Eligibility: Upon earning 5 Years of Service.

Benefit: The spouse is eligible for 50% of the benefit that would have been payable, if the Participant had live to Early Retirement Eligibility and elected a 50% Qualified Joint and Survivor Annuity. The benefit is payable upon the Participant's Early Retirement Eligibility date.

Normal Form of Payment Unless otherwise elected, the benefit payable a participant who has been married at least one year is an actuarially equivalent 50% Joint and Survivor benefit. For unmarried participants, the Normal Form is a straight-life annuity.

Optional Forms Benefits may be elected from:

- 50%, 75%, and 100% Joint and Survivor
- 5 Year Certain and Continuous
- Lump Sum
- Straight Life Annuity

Changes in Plan Benefits recognized since the last valuation None.

SCHEDULE SB ATTACHMENT
Line 32 - Schedule of Amortization Bases

Plan Name: Shincor Silicones, Inc. Retirement Plan for U.S. Employees

EIN/PN: 95-4015700/001

Valuation Date: January 1, 2023

<u>Original Valuation</u>	<u>Remaining Years</u>	<u>Amortization Type</u>	<u>Outstanding Balance</u>	<u>Current Year Amortization</u>
1/1/2023	15.00 (Relief 15)	Relief 15	1,161,075	106,332
1/1/2022	14.00 (Relief 15)	Relief 15	35,211	3,381
1/1/2021	13.00 (Relief 15)	Relief 15	(193,014)	(19,528)
1/1/2020	12.00 (Relief 15)	Relief 15	489,412	52,472