



Annual Performance Report

OMB No. 2010-0032
Expiration Date: 06/30/03

Facility Name: Henkel Loctite Corporation
Performance Track ID #: A010015
Annual Performance Report #: 1
Reporting Year: 2001
Due Date: 07/01/2002

Section A. General Facility Information

Please supply or revise information in A.1 – A.8 as is necessary to ensure that it is accurate, complete, and up-to-date. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

- A.1 Name of your facility:** Henkel Loctite Corporation
- A.2 Name of your parent company:** Henkel Loctite Corporation
- A.3 Facility contact person for the Performance Track program:**
Name: Ms. Beverly Fischer
Title: HSE Manager
Phone: (603) 474-6216
Fax: (603) 474-7620
E-mail: beverly.fischer@loctite.com
- A.4 Facility's location**
Street Address: One Dexter Drive

Address (cont.):
City: Seabrook
State: NH
Zip Code: 03874

A.5 Facility's Website address (if any):

www.loctite.com

A.6 Number of employees (full-time equivalents) who currently work in the facility:

50-99

A.7 Does your company meet the Small Business Administration definition of a small business for your sector?

No

A.8 North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility:

325520

A.9 In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them here:

Yes

Added: Assembly Fluxes

Deleted: Applicator Manufacturing

A.10 Please update the list of environmental requirements that apply to your facility by listing any changes that have taken place during this reporting period. If you have no changes to report, please enter "No changes".

No Changes

**Section B.
Environmental Management System**

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*.

a. Was an EMS audit or other assessment done by an independent third party?

Yes

If yes, please provide the type (e.g., ISO 14001 certification), the scope, and the dates (mo/yr) of each assessment.

Type	Scope	Dates (mo/yr)
ISO 14001	The manufacture and distribution of adhesives, applicators and release agents for industrial use.	05/2001

b. Was an internal or corporate EMS audit conducted? Yes

If yes, please provide the scope and dates (mo/yr) of each audit.

Scope	Date (mo/yr)
Environmental Planning (Aspects, legal requirements, objectives & targets, environmental management programs, environmental procedures)	04/01
Regulatory Approval (incident investigation, training, corrective action, communication)	05/01
Business Review	05/01

c. Was a compliance audit conducted?

Yes

If yes, please provide the scope and the dates (mo/yr) of each audit, and indicate who conducted the audit(s) (e.g., facility staff, corporate groups, third party).

Scope	Dates	Who conducted the audit
Henkel Group Standards and Guidelines (1st rev. 12/98); Occupational Safety and Health Regulations; solid and Hazardous Waste; SARA 302/313; Water Pollution Control.	04/2001	Corporate Staff

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audit

Environmental policy and planning: We updated the legal statement section of our policy to include "other requirements" and to have the Plant Manager & HSE Manager endorse the copy of the policy in the lobby.

Records: We updated the EMS manual to include references to process maps. We clarified record retention of manifests.

EMS Implementation: We updated our aspect/impact matrix to show scoring. We clarified aspects and impacts on the matrix. We updated information for monitoring and reporting legal requirements. We updated a process map to include our objectives procedure. Updated objective procedure to include non-aspect objectives. Clarified objectives associated with VOC & carcinogenic objectives.

Operations: Updated operation in process maps to include waste generation. Added EMS requirements for suppliers. Updated map to include manufacturing instructions in task where needed.

Emergency Response: Found and removed old evacuation procedure from wall in a production area. Put new evacuation maps under revision.

Risk Management: Labels and manifests were inconsistent with shipping names. Ensure proper shipping names by having a master list.

Continual Improvement: Update contingency plan to include more types of emergencies and make less redundant. Audit our recyclers and solid waste disposal sites.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

Yes

If no, please explain your plans to correct these instances.

g. When was the last Senior Management review of your EMS completed?

03/2002

Who headed the review? Name: Mr. Herb Novell **Title:** Director of Operations

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001?

Yes

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects?

04/2002

B.4 Progress Toward Achieving Objectives and Targets. In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. You may limit the summary to environmental aspects that are *significant* and towards which progress has been made during the *reporting year*. In cases where *progress* relates specifically to a Performance Track performance commitment, complete the Environmental Aspect column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C."

<i>Environmental Aspect</i>	<i>Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted)</i>
Accidental Releases	1: Completed repair work in parking lot of repairing cracks and resurfacing. 2: Completed epoxy coating of spill containment tank. 3: CER approved to install a remote valve to shut water flow from shipping dock. To be completed Q3'02.
VOC Emissions	We achieved our target of keeping VOC's in new commercial products to <20%. 0 VOC 10% <2% VOC 50% 20% VOC 40% See Section C

Carcinogen Usage	We did not quite meet our goal of zero new raw materials containing >.1% carcinogen. We coded 27 new raw materials, 1 may or may not contain a carcinogen as a contaminant at >.1%.
Generation of waste	See Section C
LVE Chemical Tracking	We met our goal of 100% compliance.
Toxic emissions	See section C
Generation of waste oil	Completed a project to replace a leaking gearbox on Extruder 19.

**Section C.
Environmental Performance Commitments**

Please use the tables below to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment.

C.1 Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category:	Waste				
Aspect :	Total Solid Waste				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	122000	68822			Optional:91500
Measurement Units	lbs				
Normalizing Factor	1.0	0.87			Optional: 1
Basis for your Normalizing Factor	Reduction in production				
Normalized Quantity* (per year)	122000	79105.7			91500
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The largest contributor to scrap was our Hot Melt line. We used operational improvements to reduce the amount of scrap generated. The improvements include making back to back batches to eliminate set up and installing temperature probes to assure more consistent readings.

If you have additional information that you would like to include please attach it here:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

C.2 Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category :	Waste				
Aspect :	Hazardous Solid Waste				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	675	0			Optional: 350
Measurement Units	lbs				
Normalizing Factor	1.0	1			Optional:1
Basis for your Normalizing Factor	Actual tank volume. Eliminated usage.				
Normalized Quantity* (per year)	675	0			350
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

We used process and operational improvements to eliminate the use of caustic for tank cleanout. Implemented alternative cleaning methods using Hystrene to dissolve residual adhesive and/or mechanical scraping. Better control of temperature with the installation of the temperature probes eliminated char build-up.

Attach:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category :	Air Emissions				
Aspect :	Emissions of Toxics				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	1784	1711			Optional: 892
Measurement Units	lbs				
Normalizing Factor	1.0	0.959			Optional:1
Basis for your Normalizing Factor	Reduction in number of batches produced.				
Normalized Quantity* (per year)	1784	1784.2			892
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Our goal is the reduction in the amount of excess amine generated per batch of resin. We have looked at the analytical method required to determine the residual amount of amine in the batch both in our lab and at our corporate headquarters. The results have been inconsistent with the theoretical amounts to be found in solution and therefore unusable. We have determined that we need to hire a chemist for two months to develop this technique. We are looking at the 3rd quarter as the time frame to hire a chemist should an approval be received.

Attach:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category :	Air Emissions				
Aspect :	Emissions of VOCs				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	1288	817			Optional: 364
Measurement Units	lbs				
Normalizing Factor	1.0	1.86			Optional:1
Basis for your Normalizing Factor	Increase in number of gallons produced.				
Normalized Quantity* (per year)	1288	439.2			364
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

We improved the yield of our solvent concentrates through process improvement. VOC emissions were minimized through reducing a 12 hour purge to 1 hour. The procedure change was tested and found to be acceptable. Manufacturing instructions were changed to reflect the new procedure.

Attach:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

**Section D.
Public Outreach and Performance Reporting**

D.1 Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

Henkel, our parent company, publishes an annual environmental report which contains corporate information concerning health, safety and environmental issues. Data from all the Henkel sites goes into the document. Our site was recognized in the Prize and Award section for its participation in the Performance Track Program.

Attachment:

Any attachments will be located at the end of the report.

D.2 Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Report available to the public. Please check as many as appropriate.

Other

URL:

**Section E.
Self-Certification of Continued Program Participation**

On behalf of **Henkel Loctite Corporation,**
(name of my facility)

I certify that

- I have read and agree to the terms and conditions as specified in the *National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environment Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date

Printed Name

Mr. Herbert Novell

Title

Director of Operations

Phone Number

603-474-6234

E-mail Address

herbert.novell@loctite.com

Facility Name

Henkel Loctite Corporation

Facility Street Address

One Dexter Drive

Seabrook, NH 03874

Performance Track ID#

A010015

Appendix:**Do you want to add Appendix?****When adding additional comments, please refer to question number.****Comments:****Attachment:**

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.