



02.06.2022

Dear valued Customer,

Following the upgrade of several of our most popular LOCTITE Instant Adhesives, Accelerators and Primers last year as part of Henkel's ongoing efforts to drive continuous improvement and in line with the health and safety pillar of our sustainability strategy, we are extending the qualification and upgrading of our LOCTITE Instant Adhesives with more globally acceptable raw materials. The formulation upgrades anticipate an upcoming labelling requirement change by the 17th Adaption to Technical Progress to the Classification, Labelling and Packaging Regulation (EC) No 1272/2008 which will enter into force on December 17th, 2022. Although those upgrades are planned to take place most likely in Q2/Q3 2022, this letter serves as preliminary notice of such formulation upgrade in the following products:

Formulation upgrade LOCTITE Instant Adhesives:

LOCTITE 460	LOCTITE 408	LOCTITE 403	SICOMET 9000
SICOMET 9010	SICOMET 9020	LOCTITE 4031	LOCTITE 4601
LOCTITE 4081			

These cyanoacrylate adhesives will be formulated by reducing 2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (MMBP). This raw material functions as a shelf-life stabilizer and represents a small percentage of the products' overall formulations. Please be assured that the new formulations are being thoroughly tested by Henkel to ensure that the performance properties and shelf lives of the products remain consistent with existing Henkel Quality Specifications. Side-by-side comparison data will be shared as soon as available and upon request.

The new formulations will be implemented on a running basis, starting most likely Q2/Q3 2022, with no changes to the product names, but potentially with new finished good ordering numbers (IDH #s). The Safety Data Sheet will be updated to reflect the changes. Due to our internal safety stocks, there will be a period of overlap where you may receive packages of both the new and old formulations.

In addition, and to ensure continuity and quality of supply, Henkel is also qualifying additional suppliers for several raw materials for LOCTITE Instant Adhesives supplied from Henkel's Puerto Rico manufacturing location (products marked as "made in Puerto Rico" in list below). Please rest assured that the CAS numbers and quality specifications for these raw materials from those additional suppliers are equivalent to the current raw materials. Please note that these additional suppliers have been previously qualified by Henkel and are currently supplying other Henkel global manufacturing facilities.

If you have questions or need additional information from our technical customer support team about these upgrades, please contact your local LOCTITE sales representative for assistance.

Sincerely,

[reference the correct Henkel entity per region]

List of impacted Material Numbers for Cyanoacrylates:

LOCTITE 403 BO20G DE/FR	1966534
LOCTITE 403 BO20G DK/NO	1988757
LOCTITE 403 BO20G EN/DE	1919337
LOCTITE 403 BO20G FR/NL	1919336
LOCTITE 403 BO20G PL/HU	1922841
LOCTITE 403 BO20G SE/FI	1921456
LOCTITE 403 BO500G DE	88495
LOCTITE 403 BO500G EGFD	230691
LOCTITE 403 BO500G SFDN	303354
LOCTITE 403 BO50G CZ/HU/PL	1437122
LOCTITE 403 BO50G EGFD	88227
LOCTITE 403 BO50G ES	231151
LOCTITE 403 PRISM 20G <i>made in Puerto Rico</i>	135433
LOCTITE 408 BO20G DE/FR	1919332
LOCTITE 408 BO20G EN/DE	1919333
LOCTITE 408 BO20G SE/FI	1984233
LOCTITE 408 BO500G EGFD	142583
LOCTITE 408 BO50G CZ/HU/PL/RU	1437127
LOCTITE 408 BO50G EGF/PL	233740
LOCTITE 460 BO12X20G ES/PT	1922284
LOCTITE 460 BO12X20G IT/GR	1922309
LOCTITE 460 BO20G CZ/SK	1922762
LOCTITE 460 BO20G DE/FR	1920616
LOCTITE 460 BO20G DK/NO	1983810



LOCTITE 460 BO20G EN/CH/JP	271857
LOCTITE 460 BO20G EN/DE	1920912
LOCTITE 460 BO20G FR/NL	1921876
LOCTITE 460 BO20G HU/RO	1923187
LOCTITE 460 BO20G PL/RU	1924107
LOCTITE 460 BO20G SE/FI	1921981
LOCTITE 460 BO20G SI/BG	1925280
LOCTITE 460 BO500G CZ/PL/SK/EE	246573
LOCTITE 460 BO500G EGFD	142600
LOCTITE 460 BO500G EPIG	229411
LOCTITE 460 BO500G SE/FI	234034
LOCTITE 460 BO50G CZ/HU/PL/RU	149340
LOCTITE 460 BO50G EGFD	142599
LOCTITE 460 BO50G ES	88528
LOCTITE 460 BO50G SFDN	234019
LOCTITE 460 PA10KG DE	541928
SICOMET 9000 BO500G EGFD/ES/SV	391876
SICOMET 9000 BO50G EGFD	278725
SICOMET 9000 HO10KG	197439
SICOMET 9010 BO500G EN/DE	150088
SICOMET 9010 BO50G EGFD	149981
SICOMET 9010 HO10KG	197441
SICOMET 9020 20G EN, DE	236200
SICOMET 9020 BO500G EN/DE	236210
SICOMET 9020 BO50G EGFD	236204
SICOMET 9020 E HO10KG ML	236215
LOCTITE 4031 BO454G EN/DE/HU/EE <i>made in Puerto Rico</i>	231847
LOCTITE 4031 BO20G FR/NL <i>made in Puerto Rico</i>	231807
LOCTITE 4031 BO20G DE <i>made in Puerto Rico</i>	231787
LOCTITE 4031 20G EN <i>made in Puerto Rico</i>	229804
LOCTITE 4601 BO454G EN/SFDN <i>made in Puerto Rico</i>	232956
LOCTITE 4601 BO20G DE/FR/NL <i>made in Puerto Rico</i>	231818
LOCTITE 4601 20G EN <i>made in Puerto Rico</i>	229810
LOCTITE 4601 1LB <i>made in Puerto Rico</i>	229811
LOCTITE 4081 20G EN <i>made in Puerto Rico</i>	229808

Dear valued Customer,

Following the upgrade of several of our most popular LOCTITE Instant Adhesives, Accelerators and Primers last year as part of Henkel's ongoing efforts to drive continuous improvement and in line with the health and safety pillar of our sustainability strategy, we are extending the qualification and upgrading of our LOCTITE Instant Adhesives with more globally acceptable raw materials. The formulation upgrades anticipate an upcoming labelling requirement change by the 17th Adaption to Technical Progress to the Classification, Labelling and Packaging Regulation (EC) No 1272/2008 which will enter into force on December 17th, 2022. Although those upgrades are planned to take place most likely in Q2/Q3 2022, this letter serves as preliminary notice of such formulation upgrade in the following products:

Formulation upgrade LOCTITE Instant Adhesives:

LOCTITE 416

LOCTITE 422

LOCTITE 431

SICOMET 5019

SICHEL 5019

These cyanoacrylate adhesives will be formulated without adding Hydroquinone (HQ) and/or 2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (MMBP). These raw materials function as shelf-life stabilizer and represent a small percentage of the products' overall formulations. We will be replacing them with more globally acceptable raw materials. Please be assured that the new formulations are being thoroughly tested by Henkel to ensure that the performance properties and shelf lives of the products remain consistent with existing Henkel Quality Specifications. Side-by-side comparison data will be shared as soon as available and upon request.

The new formulations will be implemented on a running basis starting most likely Q2/Q3 2022, with no changes to the product names and finished good ordering numbers (IDH #s). The Safety Data Sheet will be updated to reflect the changes. Due to our internal safety stocks, there will be a period of overlap where you may receive packages of both the new and old formulations.

In addition, and to ensure continuity and quality of supply, Henkel is also qualifying additional suppliers for several raw materials for LOCTITE Instant Adhesives supplied from Henkel's Puerto Rico manufacturing location (products marked as "made in Puerto Rico" in list below). Please rest assured that the CAS numbers and quality specifications for these raw materials from those additional suppliers are equivalent to the current raw materials. Please note that these additional suppliers have been previously qualified by Henkel and are currently supplying other Henkel global manufacturing facilities.



If you have questions or require additional information from our technical customer support team about these upgrades, please contact your local Loctite sales representative for assistance.

Sincerely,

[reference the correct Henkel entity per region]

List of impacted Material Numbers for Cyanoacrylates:

Name	FG IDH
LOCTITE 416 BO1OZEN <i>made in Puerto Rico</i>	135452
LOCTITE 416 BO20G CZ/PL	1922865
LOCTITE 416 BO20G DK/NO	1921066
LOCTITE 416 BO20G EN/DE	1920919
LOCTITE 416 BO20G FR/NL	1921841
LOCTITE 416 BO20G SE/FI	1921868
LOCTITE 416 BO500G EGFD	142591
LOCTITE 416 BO500G EN	135453
LOCTITE 416 BO500G ES/PT	88515
LOCTITE 416 BO50G EGFD	142590
LOCTITE 416 BO50G EPIG	88513
LOCTITE 416 BO50G PL/CZ/SI/HR	246546
LOCTITE 422 BO1OZEN <i>made in Puerto Rico</i>	233927
LOCTITE 422 BO20G EN/DE	1920917
LOCTITE 422 BO20G SE/DK	1921979
LOCTITE 422 BO500G CZ/PL	246556
LOCTITE 422 BO500G DE	232675
LOCTITE 422 BO500G EGFD	135458
LOCTITE 422 BO50G CZ/HU/PL/SK FZV0001L2	1437129
LOCTITE 422 BO50G EGFD	232673
LOCTITE 431 BO20G CZ/HU	1922684
LOCTITE 431 BO20G DE/FR	1920617
LOCTITE 431 BO20G DK/NO	1921063

LOCTITE 431 BO20G EN/DE	1920913
LOCTITE 431 BO20G ES/PT	1922286
LOCTITE 431 BO20G FR/NL	1921879
LOCTITE 431 BO20G IT/GR	1922313
LOCTITE 431 BO20G PL/RU	1924108
LOCTITE 431 BO20G SE/FI	1921860
LOCTITE 431 BO500G EGFD	195693
LOCTITE 431 BO500G EPIG	234057
LOCTITE 431 BO500G SFDN	234061
Sichel 5019 500G IT	277772
SICOMET 5019 BO500G EN/DE	277774
SICOMET 5019 BO50G IT	277790