

FAIR FUTURE AT TESLA

POWERTRAIN

SAFETY ALERT # 1

We work with many chemical products. Do you work with either of these?



Henkel Loctite AA H3500 Adhesive

Loctite 383 Thermally Conductive Adhesive

Health Hazard (H3500 A): Serious eye damage; skin irritation or allergic reaction; respiratory irritation; highly flammable; “may cause genetic defects.”⁽¹⁾

Health Hazard (H3500 B): Serious eye irritation; skin irritation or allergic reaction; respiratory irritation; highly flammable.⁽²⁾

Health Hazard (383): Serious eye damage; skin irritation or allergic reaction; drowsiness or dizziness.⁽³⁾

Used in: Powertrain (Battery Module)

Contains: Methyl methacrylate or related compounds⁽⁴⁾

Did you know that repeated exposure to these products can affect your health?

In addition to the potential health risks to your eyes and skin, you should know that exposure to chemicals in these products can cause:

- **Breathing Problems, Including Risk of Asthma:** The Association of Occupational and Environmental Clinics has included methyl methacrylate on its list of chemicals that can cause asthma.⁽⁵⁾
- **Genetic Defects:** Loctite AA H3500 Part A is listed as a Category 1B hazard for Germ Cell Mutagenicity.⁽⁶⁾ This means that it may cause gene mutations (changes) in sperm or egg cells that could be passed on to your children.⁽⁷⁾



What are our rights? How do we protect our health?

We use many chemical products at Tesla. Tesla is required to provide a safe workplace and to tell us about the chemicals we work with. We have a right to:

- **Information:** We can request the Safety Data Sheet (SDS) for any chemical product we work with. It describes health effects and protective measures.⁽⁸⁾
- **Warnings:** Tesla must ensure that hazardous chemical products are labeled so we know what chemicals we are working with.⁽⁹⁾
- **Training:** Tesla must provide training in the safe handling of chemical products.⁽¹⁰⁾
- **Protection:** Tesla must provide ventilation systems, enclosures or other protective equipment to prevent contamination of the workplace atmosphere.⁽¹¹⁾

Learn More, Get Involved

We need better information, effective exposure controls, and safer chemicals. As a union, we'll be better able to work together to achieve these important objectives.

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References

1. Henkel Loctite AA H3500 Part A, Safety Data Sheet (SDS). Revision Number 005.0. Issue Date 8/5/14 (page 1).
2. Henkel Loctite AA H3500 Part B, Safety Data Sheet; Revision Number 004.0. Issue Date 8/5/14 (page 1).
3. Henkel Loctite 383, Safety Data Sheet. Revision Number 005.0. Issue Date 10/28/2014 (page 1).
4. Henkel Loctite AA H3500 Parts A and B (page 2) and Loctite 383 SDS (page 2). *op. cit.*
5. Association of Occupation and Environmental Clinics, AOEC List of Exposure Codes for Occupational Asthmagens (<http://www.aoecdata.org>). See methyl methacrylate (CAS 80-62-6) "A" and "Rs" designation at <http://www.aoecdata.org/ExpCodeLookup.aspx>.
6. Loctite AA H3500 Part A, SDS. *op. cit.* (page 1)
7. 29 CFR §1910.1200. Appendix A, Figure A.5.1: Hazard categories for germ cell mutagens (<https://www.osha.gov/dsg/hazcom/hazcom-appendix-a.html>)
8. 8 CCR §5194. *Hazard Communication*. See for example (g)(8) (<https://www.dir.ca.gov/title8/5194.html>).
9. 8 CCR §5194. *op. cit.* See for example (f).
10. 8 CCR §5194. *op. cit.* See for example (h).
11. 8 CCR §5144. *Respiratory Protection*. See for example (a)(1)(2) (<https://www.dir.ca.gov/title8/5144.html>)

