

FAIR FUTURE AT TESLA

BODY IN WHITE SAFETY ALERT # 1

We work with many chemical products. Do you work with this one?



Dow Betamate 4601 Structural Adhesive

Health Hazards: Serious eye irritation; skin irritation or allergic reaction; may damage fertility or the developing fetus.⁽¹⁾

Used in: Body In White Lines 1 and 2.

Contains: Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers and Phenol, Polymer with Formaldehyde, Glycidyl ether.⁽²⁾

Warnings: Contaminated clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection, face protection.⁽³⁾

Did you know that repeated exposure to this product can affect your health?

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

- **Reproductive health effects:** This product is a “Suspected Human Reproductive Toxicant,” which means there is “some evidence” that it can affect reproductive health, including sexual function, fertility and/or the ability to have a healthy pregnancy.⁽⁴⁾
- **Birth Defects:** Effects on the fetus can include “death of the developing organism, structural abnormality, altered growth and functional deficiency.”⁽⁵⁾

Also, the “vapor from heated material may cause respiratory irritation.”⁽⁶⁾ **This is a potential issue in areas where workers weld through joints that had been bonded using this product.**



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.⁽⁷⁾
- **Warnings:** Tesla must ensure that hazardous chemical products are labeled so we know what chemicals we are working with.⁽⁸⁾
- **Training:** Tesla must provide training in the safe handling of chemical products.⁽⁹⁾
- **Protection:** Tesla must provide ventilation systems, enclosures or other protective equipment to prevent contamination of the workplace atmosphere.⁽¹⁰⁾

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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- Fill-out the Contact Form: www.fairfutureattesla.org



References

1. Dow Betamate 4601 Structural Adhesive, Safety Data Sheet (SDS). Issue date 06/07/2016, print date 04/28/2017 (page 2).
2. Dow Betamate SDS. *op. cit.* (page 2).
3. Dow Betamate SDS. *op. cit.* (page 2).
4. 29 CFR §1910.1200. Appendix A, A.7.1.2 and Figure A.7.1(a): Hazard categories for reproductive toxicants and Dow Betamate SDS. *op. cit.* (page 1).
5. 29 CFR §1910.1200. Appendix A, *op. cit.* A.7.1.3 (<https://www.osha.gov/dsg/hazcom/hazcom-appendix-a.html>) and Dow Betamate SDS. *op. cit.* (page 1).
6. Dow Betamate SDS. *op. cit.* (page 7).
7. CCR §5194. *Hazard Communication*. See for example (g)(8) (<https://www.dir.ca.gov/title8/5194.html>).
8. 8 CCR §5194. *op. cit.* See for example (f) (<https://www.dir.ca.gov/title8/5194.html>).
9. 8 CCR §5194. *op. cit.* See for example (h) (<https://www.dir.ca.gov/title8/5194.html>).
10. 8 CCR §5144. *Respiratory Protection*. See for example (a)(1)(2) (<https://www.dir.ca.gov/title8/5144.html>)

