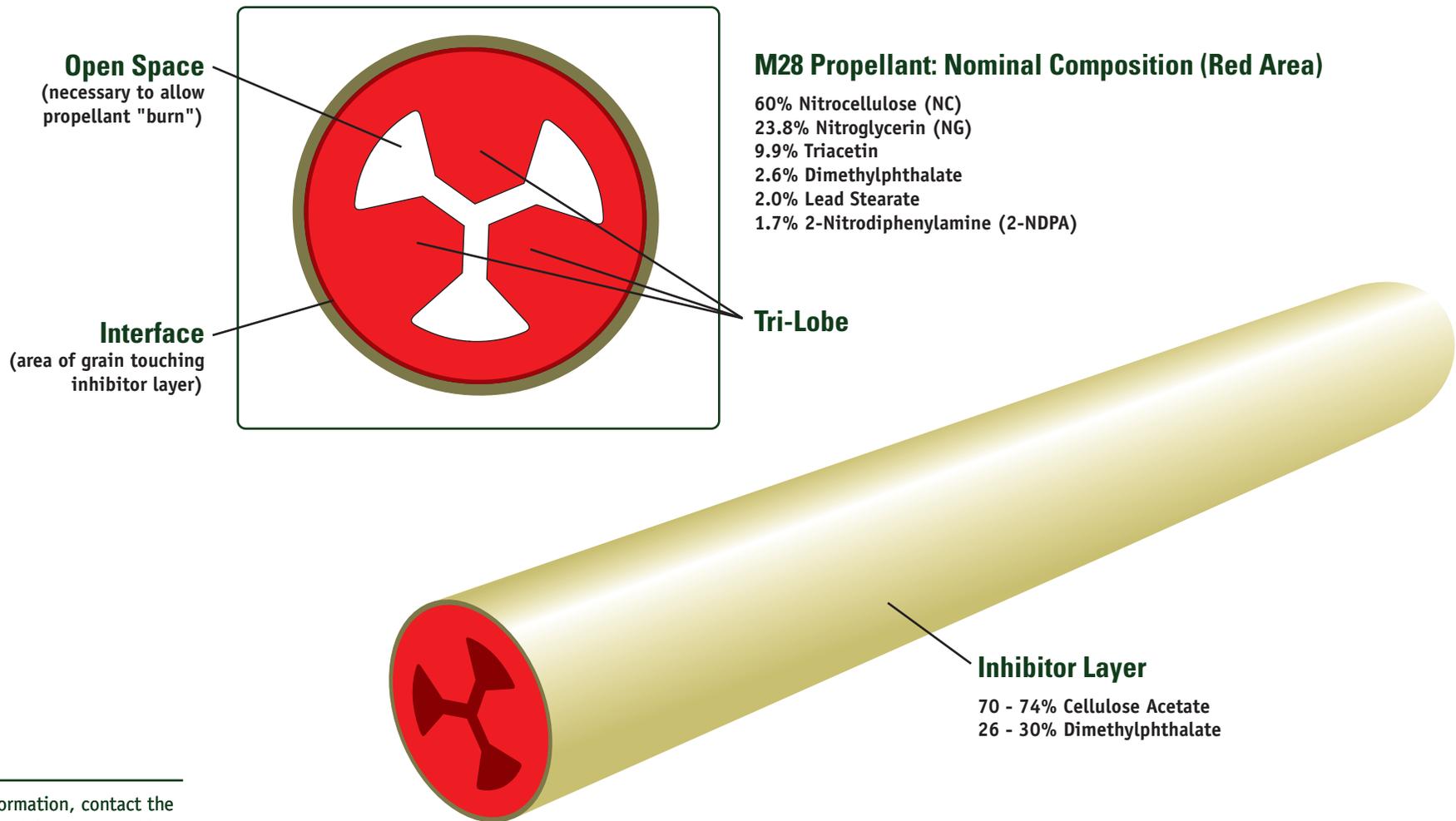




U.S. ARMY CHEMICAL  
MATERIALS AGENCY

# M28 Propellant Grain



## M28 Propellant: Nominal Composition (Red Area)

- 60% Nitrocellulose (NC)
- 23.8% Nitroglycerin (NG)
- 9.9% Triacetin
- 2.6% Dimethylphthalate
- 2.0% Lead Stearate
- 1.7% 2-Nitrodiphenylamine (2-NDPA)

## Inhibitor Layer

- 70 - 74% Cellulose Acetate
- 26 - 30% Dimethylphthalate

For more information, contact the  
Chemical Materials Agency Public  
Affairs Office at (410) 436-3629,  
(800) 488-0648 or visit the  
Web site at [www.cma.army.mil](http://www.cma.army.mil)