



# FONTANA®

"A TRADITION IN ROOFING MATERIALS"™

# VulcaSeal

# G40

## **MODIFIED ASPHALT FIBERGLASS MULTIPURPOSE UNDERLAYMENT #40**

**ASTM D4601 or D6757-02**



**FONTANA®**

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**2**   
**Square**  
**216 Sq. Ft.**



**USE CAUTION WHEN WORKING  
ON THE ROOF.**

**STAND ON END. STORE OFF GROUND. PROTECT FROM WEATHER. DO NOT DOUBLE STACK. USE CAUTION WHEN WORKING ON THE ROOF. CONTAINS FIBERGLASS MAT, ASPHALT, MINERAL FILLERS, SAND, AND/OR COPPER SLAG. MATERIAL SAFETY DATA SHEET AVAILABLE UPON REQUEST. KEEP DRY PRIOR TO APPLICATION.**



**WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.**

**Product Identification**

Trade Name: ASTM 4601 Vulca Seal G-40  
Modified Fiberglass  
Multipurpose Underlayment

Generic Name: Not applicable

Chemical Name: Not applicable

Chemical Family: Not applicable

Synonyms: Not applicable

**Hazardous Ingredients**

<u>Ingredient</u>	<u>CAS No</u>	<u>%</u>	<u>Limit, Type</u>
Asphalt	8052-42-4	–	5 mg/m <sup>3</sup> ACGIH, TLV
Copper	7440-50-8	–	1 mg (cu)/m <sup>3</sup> fume
Nickel	7440-02-0	–	1mg/cum
Fibrous glass	65997-17-3	–	5 mg/m <sup>3</sup> , rdust z-3
Other Non-hazardous ingredients	–	–	not established

**Physical Data**

Appearance and Odor: Solid, asphalt coated fiberglass matt, petroleum product odor.

Melting Point: Not applicable

Boiling Point: Not applicable

Vapor Pressure: Not applicable

% Volatile (vol.): Not applicable

Vapor Density: Not applicable

Evaporation Rate: Not applicable

Solubility (H<sub>2</sub>O): Insoluble

pH: Not applicable

Specific Gravity: Not applicable

API Gravity: Not applicable

Viscosity: Not applicable

**Fire and Explosion Data**

**NFPA Standard 704 Ratings**

Flash Point (TCC): >450 F

Lower Flam. Limit: Negligible

Upper Flam. Limit: Negligible

Autoignition Temp: >450 F

**NFPA Ratings**

Health 1

Fire 1

Reactivity 0

**Fire & Explosion Hazards:** This material can ignite and burn when heated above its flash point. Material will not burn unless preheated.

**Products of combustion:** Carbon dioxide, carbon monoxide, and dense, black smoke.

**Extinguishing Media:** Carbon dioxide, dry chemical, foam or water spray.

**Fire fighting Procedures:** Wear protective equipment and clothing. Use a self-contained breathing apparatus for fire in enclosed spaces. Use water spray to dilute and disperse vapors, protect personnel, and to flush unignited material spills away from fire.



## Health Hazard Information Protective Equipment Recommended

**General Effects or Overexposure:** Primary route of exposure is eye contact. No chronic effects are expected due to exposure associated with this material or its components during normal use.

**Eye Contact:** Direct contact or exposure to fumes which may be generated at high temperatures may cause burning, tearing, and redness. Goggles or safety glasses are recommended.

**Skin Contact:** Prolonged skin contact is essentially non-irritating to skin. No adverse health effects are expected from skin contact.

**Inhalation:** Exposure to fumes which may be generated at high temperatures may irritate the nose, throat, and upper respiratory tract.

**ingestion:** Accidentally swallowing this material may cause irritation of the stomach and intestinal tract. Ingestion is not a likely route of exposure to this product.

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## Emergency & First Aid Information

**Eye Contact:** Flush the affected eye(s) with water. If irritation develops, seek medical attention.

**Skin Contact:** Wash skin thoroughly with soap and water. If irritation develops, seek medical attention.

**Inhalation:** Move away from exposure to fumes and into fresh air. If symptoms of exposure develop, seek medical attention.

**Ingestion:** If victim is conscious and alert, give milk or water to drink and seek medical attention.

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## Chemical Reactivity Information

**Stability:** Stable under normal conditions of storage and handling

**Reactivity:** May react with strong oxidizing agents

**Incompatibility:** May be incompatible with strong oxidizing agents.

**Hazardous Reaction/Decomposition Products:** Burning produces carbon dioxide, carbon monoxide, and dense, black smoke.

**Polymerization Hazards:** This material will not polymerize.

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## Storage & Handling Procedures

**Routine Handling & Use:** Avoid breathing mists or fumes generated when this material is heated or burned. Avoid eye contact. Wash thoroughly after handling.

**Non-Routine Handling & Use:** Not applicable.

**Storage:** No special storage precautions needed.

## Spill, Leak and Disposal Procedures

General Spill or Leak Procedures: All materials should be handled and transported off-site in accordance with federal, state, and local regulations.

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## Regulatory Information

SARA Section 313 Notification: Asphalt (CAS# 8052-42-4)

VOC Content, Material: 0

VOV Content, Less Water: 0

Clean Air Act Ozone Depleter: None listed

DOT Proper Shipping Name: Not regulated

DOT Hazard Class: None

40 CFR 355 Reportable Quantity: None listed

49 CFR 171 Reportable Quantity: None listed

**California Proposition 65: Warning:** This product contains the following chemicals known by the state of California to cause cancer:

Asphalt (bitumens) (CAS# 8052-42-4)

Nickel (CAS# 7440-02-0)

Prepared by: Jorgensen Environmental

Date: 6 June 2002

