

# Ruberoid®

## Material Safety Data Sheet

Updated: 12/08



*Quality You Can Trust Since 1886...  
From North America's Largest Roofing Manufacturer™*



**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS # 1006**  
**MSDS Date: December 2008**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** RUBEROID® TORCH (SMOOTH), RUBEROID® TORCH (GRANULE), RUBEROID® TORCH FR (GRANULE), RUBEROID® TORCH PLUS (GRANULE), RUBEROID® MOP (SMOOTH), RUBEROID® MOP (GRANULE), RUBEROID® MOP FR (SMOOTH (NLM)), RUBEROID® MOP FR (GRANULE), RUBEROID® MOP PLUS (GRANULE), RUBEROID® 20, RUBEROID® 30, RUBEROID® 30FR, RUBEROID® MODIFIED BASE SHEET, RUBEROID® SBS FOIL-FACED MEMBRANE (formerly known as RUBEROID® ULTRACLAD SBS), RUBEROID® MODIFIED CAP SHEET 601, RUBEROID® SBS HW™, RUBEROID® SBS HW™ 25, RUBEROID® SBS HW™ FR, RUBEROID® SBS HW™ PLUS, RUBEROID® SBS HW™ PLUS FR, RUBEROID® SBS HW™ SMOOTH, RUBEROID® SBS HW™ BASE, RUBEROID® FLASHING 10". RUBEROID® SBS™ DUAL FR, TILE-MATE™ MODIFIED BASE SHEET, TILE-MATE™ MODIFIED CAP, RUBEROID® FLAMEFREE™ 160FR, RUBEROID® FLAMEFREE™ 180FR, TILE-MATE™ MODIFIED CAP PLUS, LIBERTY™ NAILABLE BASE SHEET, APP 900™, RUBEROID® TORCH 180

**TRADE NAME:** Roll Roofing

**CHEMICAL NAME / SYNONYM:**

**CHEMICAL FAMILY:** Mixture

**MANUFACTURER:** GAF Materials Corporation

**ADDRESS:** 1361 Alps Road, Wayne, NJ 07470

**24-HOUR EMERGENCY PHONE (CHEMTREC):** 800 – 424 – 9300

**INFORMATION ONLY:** 800 – 766 – 3411

**PREPARED BY:** Corporate EHS

**APPROVED BY:** Corporate EHS

**NFPA Hazard Rating**

**HMIS Hazard Rating**

Health	1
Flammable	1
Reactive	0
Special Hazards	-

1  
1  
0  
-

Health	1
Flammable	1
Reactive	0
Personal Protection	X

1  
1  
0  
X

OSHA HAZARDOUS:

Yes X

No **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Asphalt	8052-42-4	40 -60	NE	0.5 mg/m <sup>3</sup> (fume)	5 mg/m <sup>3</sup> – Ceiling (15 min. fumes)
Silica, Crystalline Quartz	14808-60-7	3-5	10 mg/m <sup>3</sup> / (% SiO <sub>2</sub> + 2) – resp.	0.025 mg/m <sup>3</sup>	REL: 0.05 mg/m <sup>3</sup> – resp.
Talc	14807-96-6	1*	20 mppcf (containing <1% Quartz)	2 mg/m <sup>3</sup>	REL: 2 mg/m <sup>3</sup> – resp.

NE = Not Established

**SECTION 3: HAZARDS IDENTIFICATION**

PRIMARY ROUTE OF EXPOSURE: Inhalation

**SIGNS & SYMPTOMS OF EXPOSURE**

EYES: Irritation from dust or particulate.

SKIN: Burns from molten asphalt.

INGESTION: Not an expected route of exposure.

INHALATION: See below

ACUTE HEALTH HAZARDS: Nasal irritation of the mucus membranes.

CHRONIC HEALTH HAZARDS: Silica: shortness of breath on exertion, dry cough  
Talc: Cough pneumoconiosis.

CARCINOGENICITY: Silica-IARC

**SECTION 4: FIRST AID MEASURES****FIRST AID PROCEDURES**

EYES: Flush with flowing water for 15 minutes-Seek medical attention.

**SKIN:** Cool with ice or water; do not attempt immediate removal of asphalt. Cover with wet cloth and seek medical attention.

**INHALATION:** Move to fresh air, provide oxygen if breathing is difficult, and seek medical attention.

**INGESTION:** Seek medical attention.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Water-Jel has been shown to be an effective agent in softening and removing asphalt.

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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**SUITABLE EXTINGUISHING MEDIA:** Foam, Dry chemical, Carbon Dioxide, Water

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide , Carbon Dioxide, Acrolein, Acids, Ketones, Aldehydes, Hydrogen Sulfide

**RECOMMENDED FIRE FIGHTING PROCEDURES:** Wear full protective gear and self-contained breathing apparatus

**UNUSUAL FIRE & EXPLOSION HAZARDS:** None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Pick up pieces and dispose of appropriately. Vacuum or sweep dusts, use a dust suppressant if sweeping is necessary.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** Hot asphalt is used to apply many of these products; appropriate personal protective equipment should be worn handling this material.

**OTHER PRECAUTIONS:** Avoid breathing the fumes from hot asphalt.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS / VENTILATION:** N/A

**RESPIRATORY PROTECTION:** N/A

**EYE PROTECTION:** Safety glasses with side shields or goggles.  
When handling molten asphalt, a faceshield should be added.

**SKIN PROTECTION:** Gloves and long sleeved shirts and long pants.

**OTHER PROTECTIVE EQUIPMENT:** Sturdy work shoes.

**WORK HYGIENIC PRACTICES:** Wash hands after using these products.

**EXPOSURE GUIDELINES:** N/A

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**


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<b>APPEARANCE &amp; ODOR:</b>	Thin black sheet in roll form, may be surfaced with granules, talc, sand or film. Slight asphalt odor.		
<b>FLASH POINT:</b>	>500° F	<b>LOWER EXPLOSIVE LIMIT:</b>	No Data
<b>METHOD USED:</b>	COC	<b>UPPER EXPLOSIVE LIMIT:</b>	No Data
<b>EVAPORATION RATE:</b>	No Data	<b>BOILING POINT:</b>	No Data
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	No Data	<b>SPECIFIC GRAVITY:</b>	No Data
<b>VAPOR DENSITY:</b>	No Data	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>MOLECULAR WEIGHT:</b>	No Data
<b>VOC WITH WATER (LBS/GAL):</b>	No Data	<b>WITHOUT WATER (LBS/GAL):</b>	No Data

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**SECTION 10: STABILITY AND REACTIVITY**


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**THERMAL STABILITY:** STABLE  UNSTABLE

**CONDITIONS TO AVOID (STABILITY):** None

**INCOMPATIBILITY (MATERIAL TO AVOID):** None

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide, Carbon Dioxide, Acrolein, Acids, Ketones, Aldehydes, Hydrogen Sulfide

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** No information available

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**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No information available

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

**RCRA HAZARD CLASS:** None

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**SECTION 14: TRANSPORTATION INFORMATION**

**U.S. DOT TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A  
**HAZARD CLASS:** N/A  
**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENT:** N/A  
**OTHER:** N/A

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**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA:** This product and its components are listed on the TSCA 8(b) inventory.

**CERCLA:** None

**SARA**

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

**CALIFORNIA PROPOSITION 65:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes	Yes
Crystalline Silica	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes
Fiberglass Mat	65997-17-3	Yes	No	Yes	Yes	No	Yes
Talc	14807-96-6	Yes	No	Yes	Yes	Yes	Yes

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#### SECTION 16: OTHER INFORMATION

**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS MSDS:** November 1988  
Rev. May 2003

**CHANGES SINCE PREVIOUS MSDS:** Changed to the ANSI 16 section MSDS format.

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This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.