

Ruberoid®

Material Safety Data Sheet

Updated: 12/08



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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 ³ (fume)	5 mg/m ³ – Ceiling (15 min. fumes)
Silica, Crystalline Quartz	14808-60-7	3-5	10 mg/m ³ / (% SiO ₂ + 2) – resp.	0.025 mg/m ³	REL: 0.05 mg/m ³ – resp.
Talc	14807-96-6	1*	20 mppcf (containing <1% Quartz)	2 mg/m ³	REL: 2 mg/m ³ – 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.

SECTION 5: FIRE FIGHTING PROCEDURES

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

SECTION 7: HANDLING AND STORAGE

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10: STABILITY AND REACTIVITY

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.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No information available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available

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

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

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

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.

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.