



Material Safety Data Sheet

MSDS # APP-01

SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

MSDS Date of Preparation: 06/15/12

PRODUCT NAME: Modibond, Polybond, Polyflex, Polyflex HP, Duflex, Polyglass Base

TRADE NAME: APP Smooth Rolled Roofing

CHEMICAL NAME: NA

MANUFACTURER: Polyglass U.S.A. Inc.

ADDRESS: 1111 West Newport Center Drive
Deerfield Beach, Florida 33442

INFORMATION ONLY: (954) 233-1330

INTERNET: www.polyglass.com

EMERGENCY CONTACT: (800) 424-9300 CHEMTREC (USA)

NFPA Hazard Rating

Health
Flammable
Reactive
Special Hazards

1
1
0
-

HMIS Hazard Rating

Health
Flammable
Reactive
Personal Protection

1
1
0
X

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	COMMON NAME	CAS number	% Weight	Exposure Limit (OSHA)	Exposure Limit (ACGIH)
Petroleum Asphalt	Asphalt	8052 42 4	50 – 61.0	5 mg/m3 PEL	5 mg/m3 TLV (as fume)
Calcium Carbonate	Limestone	1317 65 3	7 – 30	5 mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	3 mg/m3 TLV (Respirable) 10 mg/m3 TLV (Total)
Polyethylene	Polyethylene	9002 88 4	0 – 8	5mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	3 mg/m3 TLV (Respirable) 10 mg/m3 TLV (Total)
Polypropylene	Polypropylene	9003 07 0	0 – 10	Not established	Not established
Ethylene Propylene Copolymer	Copolymer	9010 79 1	0 – 20	5 mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	10 mg/m3 TLV (Total)
Non-woven Polyester	Polyester mat	None assigned	2– 4	Not established	Not established
Cont Filament glass fiber	Fiberglass mat	65997 17 3	0 – 2	5 mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	1 fiber/cc TLV 5 mg/m3 TLV (Total)
Crystalline silica, Quartz	Sand	14808 60 7	4 – 8	0.1 mg/m3 PEL (Respirable)	Not established

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the product(s) above are considered articles and do not require an MSDS. All components that are listed for the product(s) are bound within the product(s). When handled under normal conditions and handled as intended for use, there is no evidence that any of the above mentioned ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard, POLYGLASS USA would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This MSDS contains valuable information critical to the safe handling and proper use of the product.

SECTION 3 HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Occasional nuisance dust, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

EYES: May cause irritation to the eyes.

SKIN: May cause irritation to the skin.

INGESTION: This product is not intended to be ingested. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

INHALATION: May cause irritation to the respiratory tract.

SECTION 4 FIRST AID MEASURES

- EYES:** Hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain.
- SKIN:** If contacted by hot asphalt. Cool with ice or water. Do not attempt to remove asphalt immediately. Consult medical personnel.
- INHALATION:** Remove to fresh uncontaminated air.
- INGESTION:** Not expected to be ingested.

NOTE: 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 MEASURES

- SUITABLE EXTINGUISHING MEDIA:** Water spray, Alcohol foam, Carbon Dioxide, or Dry chemical.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide and Carbon Monoxide.
- RECOMMENDED FIRE FIGHTING PROCEDURES:** NIOSH-approved self contained breathing apparatus is recommended for smoke protection.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** N/A

SECTION 6 ACCIDENTAL RELEASE MEASURES

- ACCIDENTAL RELEASE MEASURES:** Pick up large pieces. Avoid generating dust when picking up pieces.

SECTION 7 HANDLING AND STORAGE

- HANDLING AND STORAGE:** Use protective equipment as described in Section 8. Keep away from heat or flame and protect product from the elements.
- OTHER PRECAUTIONS:** Avoid breathing asphalt fumes.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- ENGINEERING CONTROLS /VENTILATION:** N/A
- RESPIRATORY PROTECTION:** N/A under normal use conditions. In circumstances where dust or fumes are generated and may exceed recognized allowable exposure levels, appropriate NIOSH approved respiratory protection is recommended.
- EYE PROTECTION:** Safety glasses with side shields
- SKIN PROTECTION:** Cotton or leather gloves are recommended when handling.
- OTHER PROTECTIVE EQUIPMENT:** None
- WORK HYGIENIC PRACTICES:** Wash exposed skin prior to eating, drinking or smoking and after skin contact.
- EXPOSURE GUIDELINES:** These products should be handled using methods and techniques that minimize or eliminate dust or fume generation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PROPERTIES	UNIT	DATA
Appearance	N/A	Black or Sanded Roll
Boiling point	deg F	>650
Evaporation Rate	N/A	N/A
Flash Point	deg F	>430
Melting Point	deg F	>290
Odor	N/A	Mild asphalt/petroleum odor
pH (undiluted product)	N/A	N/A
Saturation in air	%	N/A
Solids Content	N/A	N/A
Specific gravity	g/cc	1.02 – 1.30
Vapor Density	Air = 1	N/A
Vapor Pressure	N/A	N/A
Viscosity	cP	N/A
VOC	g/liter	N/A
Volatility	%	<0.1
Water solubility	%	<0.1

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: STABLE X UNSTABLE

CONDITIONS TO AVOID (STABILITY): None known.

INCOMPATIBILITY (MATERIAL TO AVOID): None known

HAZARDOUS DECOMPOSITION OR BY- PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None available for the product. See section 3.

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



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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
Limestone	1317-65-3	No	Yes	Yes	No	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None