

MSDS # UI -01

#### SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

MSDS Date of Preparation: 06/15/12

PRODUCT NAME: Polystick TU, Polystick TU P, Polystick TU PLUS, Polystick IR-X, Polystick IR-Xe, Polystick MTS,

Polystick MU, Polystick Basik, Polystick P

TRADE NAME: Rolled Roofing Underlayment

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

### **HMIS Hazard Rating**

Health	1	Health	1
Flammable	1	Flammable	1
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	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	32.0 - 55	5 mg/m3 PEL	5 mg/m3 TLV (as fume)
Calcium Carbonate	Limestone	1317 65 3	4 – 28	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 – 5	5 mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	3 mg/m3 TLV (Respirable) 10 mg/m3 TLV (Total)
Polypropylene	Polypropylene	9003 07 0	0 – 9	Not established	Not established
Ethylene Propylene Copolymer	Copolymer	9010 79 1	0 – 9.0	5 mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	10 mg/m3 TLV (Total)
Styrene Butadiene Styrene	SBS Rubber	9003-55 8	0 – 9	Not established	Not established
Styrene Isoprene Styrene	SIS Rubber	25038 32 8	0-5	Not established	Not established
Polyvinyl Butyral	PVB	27360 07 2	0 – 2.0	Not established	Not established
Petroleum Hydrocarbon Resin	Resin	68527 25 3	0 – 10	Not established	Not established
Continuous Filament glass fiber	Fiberglass mat	65997 17 3	0 – 4	5 mg/m3 PEL (Respirable) 15 mg/m3 PEL (Total)	1 fiber/cc TLV 5 mg/m3 TLV (Total)
Crushed Mineral	Roofing granules	None assigned	0 – 28.0	Not established	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.



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#### **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.



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## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

PROPERTIES	UNIT	DATA
Appearance	N/A	Granulated 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	сР	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
Limestone	1317-65-3	No	Yes	Yes	No	Yes	Yes

### **SECTION 16: OTHER INFORMATION**

ADDITIONAL COMMENTS: None