

# MATERIAL SAFETY DATA SHEET

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## MATERIAL SAFETY DATA SHEET

### POLYcoat (Bitumen Tapes)

#### HMIS & NFPA Hazard Ratings:

0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme

Health=0	Flammability=0	Reactivity=0
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#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** POLYcoat 560, 660, 667, 760, 780, 850, CTS

**Synonyms:** Modified Bitumen Tape, Cold Applied

**General Use:** POLYcoat Products are Laminated Tapes made from a Mixture of Modified Bitumen Adhesives laminated onto Backings and Reinforcement Materials with Release mechanisms, wrapped onto cardboard Cores. For Corrosion Protection and Sealing of Steel Pipes, Pipelines, Tanks, Structures, and Concrete surfaces. Applied in Buried (pipelines), Atmospheric (Piping and Steel Beams at Chemical Plants), Above Water (Ports and Harbor, Platform Pipes, Conduits, Guard rails, Structure), and on Ocean Vessels (Container Ships Sealings, Power Plant piping).

High adhesion strength to properly cleaned steel and concrete surfaces. Compatible with POLYcoat Primer for performance adhesion. High degree of conformability for application over irregular surface profiles including gas utility, sewer, potable water, mining, and wastewater applications.

#### Company Identification:

##### Manufacturer:

Central Products (Tianjin) Co., Ltd.  
B-H-E23 Houtai, Zhong Bei Industrial Park, Xiqing District  
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## 2. HAZARDS IDENTIFICATION

### OSHA/HCS Hazard Classification:

The material is not considered hazardous by the OSHA Hazard Communications Standard (29 CFR 1910.1200). This MSDS includes information for safe handling and proper use of the products.

**Hazard statements :** Eyes: Avoid contact with Eyes, May Cause Eye Irritation  
 Ingestion: N/A (Unlikely as product is solid form.)  
 Inhalation: N/A  
 Skin: May cause slight skin irritation.

### Precautionary statements :

Respiratory: No known effects in normal usage. May cause slight irritation to respiratory system if products is heated about melting temperature.  
 Eyes: N/A  
 Ventilation: N/A  
 Protective Gloves: Wear protective gloves.  
 Other Protection: Wear protective coveralls and boots.

*Other hazards which do not result in classification: Do not store near flame, heat, or strong oxidizing agents. Avoid prolonged skin contact. Wash thoroughly after handling.*

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

APPEARANCE: Black liquid with aromatic odor

Chemical name	CAS#	Percent	IARC
Petroleum Bitumen	8052-42-4	65-100%	Listed as Group 3
Calcium Carbonate (within Mixture)	471-34-1	5-15%	Not Listed
<b>Substrate Carrier Membranes:</b>			
Polyethylene (as film/fabric)	N/A	0-8%	Not Listed
Polypropylene (as film/fabric)	N/A	0-8%	Not Listed
Polyester (as film/fabric)	N/A	0-8%	Not Listed
PVC (as film/fabric)	N/A	0-5%	Not Listed
Aluminum foil (as film/fabric)	N/A	0-5%	Not Listed

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## 4. FIRE FIGHTING MEASURES

<b>Flash Point / Method:</b>	>280 C (>500F)
<b>Flammable:</b>	No Specific Fire or explosion hazard.
<b>Extinguished by:</b>	Foam, Dry Chemical, CO2
<b>Special Fire Procedures:</b>	Wear self contained breathing gear with a full face piece and protective clothing. Keep all persons without proper respiratory protection away from area.
<b>Unusual Fire Hazard:</b>	Decomposing products may include CO2, CO, Metal Oxides, Sulfur Oxides, low MW hydrocarbons

## 5. ACCIDENTAL RELEASE MEASURES

Sweep up and package appropriately for disposal. In the case of a molten material spill, absorb with sand or other inert absorbent. Notify appropriate state/local agencies. Waste disposal should be in accordance with Federal, State, and local regulation. Use grease resistant gloves to avoid skin irritation.

## 6. HANDLING AND STORAGE

**Handling:** Store in a Dry and Ventilated Area away from heat, with proper shelter. Do not store near flame, heat, or strong oxidizing agents. Avoid smoking, eating, and drinking where materials are stored and processed.

**Storage:** Keep in a cool, dry and well ventilated areas. Store out of direct sunlight. Keep in Original packaging, closed and sealed until use. Stable under normal conditions of handling and storage.

## 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Respiratory:</b>	Has slight asphalt Odor.			
<b>Eyes:</b>	N/A			
<b>Ventilation:</b>	None special required.			
<b>Protective Gloves:</b>	Wear resistant gloves.			
<b>Other Protection:</b>	Wear protective coveralls and boots.			
Ingredient	List Name	TWA (8 hours) ppm	mg/m3	Notes
Petroleum asphalt	US ACGIH 3/2012	n/a	0.5	Inhalable fraction
	AB 4/2009	n/a	5.0	Skin, Fume
Calcium Carbonate	AB 4/2009	n/a	10	Skin

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## 8. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point Range:	N/A
Melting Point Range:	N/A
Percent Volatile:	N/A
Vapor Pressure:	N/A
Evaporation Rate:	N/A
Density:	1.08
Appearance:	Black Adhesive, Solid tape, various Colored Carriers
Odor:	slight Asphalt odor
Solubility in Water:	Insoluble in water

## 9. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None
Decomposition Hazard:	CO, carbon oxides and smoke
Polymerization Hazard:	None

## 10. DISPOSAL CONSIDERATIONS

Sweep up and package appropriately for disposal. In the case of a molten material spill, absorb with sand or other inert absorbent. Notify appropriate state/local agencies. Waste disposal should be in accordance with Federal, State, and local regulation. Use grease resistant gloves to avoid skin irritation.

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