

Cosella-Dörken Products Inc.

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Material Safety Data Sheet

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Section I—Product Information

Product Name	DELTA®-THENE 60 and DELTA®-THENE 40
Product Type	SBS rubberized asphalt laminated to white HDPE
Product Use	Self-Adhesive Waterproofing Membrane

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	CAS Number	Other Limits Recommended	% of total weight
Asphalt, petroleum		8052-45-4		60-80
Polymer		9003-55-8		5-20
Inert ingredients				<balance>

This product contains asphalt. Some asphalt contains sulfur compounds which may form hydrogen sulfide when heated or burned. At higher concentrations (above 10 ppm), hydrogen sulfide is extremely toxic by inhalation, may cause respiratory-tract irritation and respiratory failure, comma and death. Direct skin and eye contact may cause irritation.

Hazards Identifications

Primary Routes(s) Of Entry	Inhalation – possible if product becomes, but considered unlikely.
Eve Hazards	Particles may cause eye irritation.
Skin Hazards	May cause skin irritation and contact dermatitis upon prolonged contact.
Ingestion Hazards	Not a probable route of exposure.
Inhalation Hazards	Not a probable route of exposure under normal conditions of use

Section III—Physical/Chemical Characteristics

Appearance	Flexible sheet	Vapor Pressure	Not applicable
Chemical Type	Mixture	Vapor Density	Not applicable
Physical State	Solid	pH Factor	Not applicable
Boiling Point	343-538°C 650-1000°F	Solubility	Not applicable
Specific Gravity	>1.0	Evaporation Rate	Not applicable
Percent Volatiles	<0.5%		

Section IV—Fire and Explosion Hazard Data

Flammability Class	Non Flammable
Fire and Explosion Hazards	During a fire carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur, hydrogen sulfide, and irritating and/or toxic gases may be generated.
Extinguishing Media	Carbon dioxide, water, or dry chemical.
Fire Fighting Instructions	Firefighters should wear self-contained breathing apparatus and full protective gear.

Section V—Reactivity Data

Stability	Stable
Hazardous Polymerization	Not expected to occur
Conditions To Avoid (Stability)	Extreme temperatures, open flames, and strong oxidation.
Hazardous Decomposition Products	Decomposition not expected to occur if handled and stored properly.
Conditions To Avoid (Polymerization)	Incomplete combustion

DELTA® protects property. Saves energy. Creates comfort.

Section VI—Toxicological Properties

Chronic/Carcinogenicity	Non of the ingredients present in the product, at concentrations equal to or greater than 0.1% have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.
Miscellaneous Toxicological Information	Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Section VII—First Aid Measures

Eye	In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
Skin	Remove contaminated clothing and shoes. Wash affected areas with soap and water.
Ingestion	Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.
Inhalation	Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Section VIII—Preventative Measures

Engineering Controls	Use with adequate general and local exhaust ventilation
Personal Protective Equipment	Respiratory Protection: None normally required. Respiratory use may be required due to secondary operations such as cutting, sanding, buffing, etc. The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional.
	Skin Protection: Use with protective gloves and apron to prevent skin contact.
	Eye / Face Protection: Safety glasses with side shields recommended.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

Asphalt fume

ACCGIH TLV-TWA 0.5 mg/m³ (inhalable fraction and vapor)

Ingredient(s) – Exposure Limits

OSHA PEL-TWA 5 mg/m³

ACGIH TLV-TWA 0.5 mg/m³ (Benzene soluble aerosol)

Section IX—Handling and Storage

Handling and Storage Requirements	Keep containers tightly close. Store in a cool, dry, well-ventilated area. Protected from heat sparks, or flame. Use only with adequate ventilation.
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Section X—Disposal and Transportation

Disposal	Disposal In accordance with applicable federal, state and local government regulations.
Transport Information	
Ground	Not restricted
IMDG	Not restricted
IATA	Not restricted

Section XI—Regulatory Information

U.S. Regulatory Information	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.
Ingredient(s) – State Regulations	Asphalt, petroleum California – Proposition 65
Canadian Regulatory Information	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not classified or controlled.

The data and information is based on our knowledge to date and is intended to describe the product with regard to safety requirements. They are not to be interpreted as a specification of properties of the products described.

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