

Safety Data Sheet

According to OSHA HCS 2012 (29 CFR 1910.1200)



Section 1: Identification

Product Identifier: Submarine Cooler Coating (DM200)
Synonyms: None
Recommended Use: Sealant
Emergency Health and Safety Number: CHEMTREC 703-527-387 / 800-424-9300
CANUTEC 613-966-6666

Distributor: Dial Manufacturing, Inc.
25 S. 51st Avenue
Phoenix, AZ 85043
SDS Information: Phone: 602-278-1100
Email:
URL: www.dialmfg.com
Customer Service: U.S.: 1-800-350-3425

Section 2: Hazards Identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified
Acute toxicity - Inhalation (Gases)	Not classified
Acute toxicity - Inhalation (Vapors)	Not classified
Acute toxicity - Inhalation (Dusts/Mists)	Not classified
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration toxicity	Not classified

Label elements

Warning

Hazard Statements: Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.



Appearance: Paste
Physical State: No Information available
Odor: Slight

Precautionary Statements – Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Wash hands thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Wash contaminated clothing before reuse.
IF INHALED: Call a POISON CENTER or doctor if you feel unwell

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Precautionary Statements – Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

Not applicable

Other Information

IARC has classified occupational exposure to straight-run bitumens and their emissions during road paving as a carcinogen (category 2B - possibly carcinogenic to humans).

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

Section 3: Composition / Information on ingredients

Component	CAS Number	% by Wt.	Trade Secret
Petroleum Asphalt	8052-42-4	30 - 60%	*
Water	7732-18-5	20 – 50%	*
Clays	NA - Mixture	5 – 15%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash skin with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

Section 8: Exposure Controls / Personal Protection

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Asphalt 8052-42-4	TWA: 0.5 mg/m ³ benzene soluble aerosol fume, inhalable fraction	--	Ceiling: 5 mg/m ³ fume 15 min

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

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Section 9: Physical and Chemical Properties

Physical State:	No information available	Odor:	Slight
Appearance	paste	Odor Threshold:	No information available
Color:	Black	Flash Point:	>100° C
pH:	6-9	Boiling Point / Boiling Range:	>100° C
Melting Point /Freezing point:	No information available	Flammability (solid, gas):	No information available
Evaporation Rate:	No information available	Upper Explosion Limit:	No information available
Flammability Limit in Air		Vapor Density:	No information available
Lower Explosion Limit:	No information available	Water Solubility:	No information available
Vapor Pressure:	No information available	Solubility in other solvents:	No information available
Relative Density:	>1	Kinematic Viscosity:	No information available
Partition Coefficient:	No information available	Explosive Properties:	No information available
Decomposition Temperature:	No information available	Softening point:	No information available
Dynamic Viscosity:	No information available	VOC Content (%):	No information available
Oxidizing Properties:	No information available	Bulk Density:	No information available
Molecular weight:	No information available		
Density:	No information available		

Section 10: Stability and Reactivity

Reactivity:	No data available.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	None known based on information supplied.
Hazardous Decomposition Products:	None known based on information supplied.

Section 11: Toxicological Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water (7732-18-5)	> 90 mL/kg (Rat)	-	-
Petroleum Asphalt (8052-42-4)	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Information on likely routes of exposure

Eye Contact:	Severely irritating to eyes.
Skin Contact:	Irritating to skin.
Inhalation:	May cause irritation.
Ingestion:	No data available.

Information on toxicological effects

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum Asphalt (8052-42-4)	-	Group 2B	-	X

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Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

ATEmix (oral) 8,000.00
ATEmix (dermal) 8,000.00
ATEmix (inhalation-gas) 99,999.00
ATEmix (inhalation-dust/mist) 20.00
ATEmix (inhalation-vapor) 99,999.00

Section 12: Ecological Information

Ecotoxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability No information available.

Bioaccumulation No information available.

Chemical Name	Partition coefficient
Petroleum Asphalt (8052-42-4)	> 6

Other adverse effects No information available.
Ozone Not applicable

Section 13: Disposal Considerations

Water treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

Section 14: Transport Information

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

Section 15: Regulatory Information

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
ENCS Does not comply
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

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IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

Warning: This product contains chemicals known to the state of California to cause cancer.

U.S. State Right-to-Know Regulations

All chemicals listing in accordance with US State Right-to-Know Regulations.

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Section 16: Other Information

NFPA

Health Hazards:	1	Flammability:	1
Instability:	0	Physical and Chemical Properties:	-

HMIS

Health Hazards:	1	Flammability:	1
Physical Hazards:	0	Personal Protection:	None

REVISED	REVISION NOTE
28-May-15	No information available

Disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.