



Date:	05/20/10	MSDS No:
Supersedes:	02/11/08	
Trade Name:		
Sizes:	All	

# MATERIAL SAFETY DATA SHEET

## SECTION I - IDENTIFICATION

<b>Manufacturer/Supplier:</b> Dial Manufacturing, Inc. 25 S. 51st Avenue Phoenix, Arizona 85043 Tel. No.: (602) 278-1100  <b>Emergency Phone Number</b> CHEMTREC: (800) 424-9300	Product Name:	COOLER COATING	
	Product Class:	Asphalt Emulsion	
	Product Number:	5347 (Qt) / 5351 (Gallon) / 5366 (5 Gallon)	
	Classification:	HMIS HEALTH:	1
		FLAMMABILITY:	0
		REACTIVITY:	0
		PERSONAL PROTECTION EQUIP.:	

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:	CAS No.	Percent	Ingredients - Exposure Limits	
			OSHA PEL-TWA	ACGIH TLV-TWA
Asphalt, Petroleum	#8052-42-4	35 - 55%	5mg/m3	0.5mg/m3 (Benzene soluble aerosol)
Bentonite (total dust)	#1302-78-9	1 - 5%	15mg/m3	10mg/m3
Bentonite (respirable dust)	#1302-78-9	1 - 5%	5mg/m3	3mg/m3
Kaolin	#1332-58-7	3 - 10%	5mg/m3 - 15mg/m3	2mg/m3
Water	#7732-18-5	40 - 60%		

## SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black Liquid	Odor:	Negligible
Chemical Type:	Mixture	Physical State:	Liquid
Boiling Point:	212° F	Specific Gravity:	1.06
pH Factor:	N/A	% Volatiles:	<53
Vapor Density:	>1	Vapor Pressure:	N/A
Solubility:	Dispersible	Evaporation Rate:	<1

## SECTION IV - HAZARDS IDENTIFICATION

Primary Route(s) of Entry:	Inhalation
Eye Hazards:	May cause eye irritation (burning, tearing, redness or swelling).
Skin Hazards:	May cause skin irritation and contact dermatitis upon prolonged contact.
Ingestion Hazards:	May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.
Inhalation Hazards:	Exposure to vapors may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.

## SECTION V - 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. Call a physician or poison control center immediately.
Inhalation:	Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

## SECTION VI - SPILL OR LEAK PROCEDURES

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers.

## SECTION VII - HANDLING AND STORAGE PRECAUTIONS

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidants or strong acids. Use only with adequate ventilation.

## SECTION VIII – EXPOSURE CONTROL / PERSONAL PROTECTIONS

<b>Engineering Controls:</b>	Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.
<b>Eye/Face Protection:</b>	Safety glasses with side shields or goggles recommended.
<b>Skin Protection:</b>	Use with chemical-protective gloves to prevent skin contact.
<b>Respiratory Protection:</b>	<p>This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.</p> <p>The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health of safety professional. If required, use an IOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator</p>

## SECTION IX – FIRE AND EXPLOSION HAZARD DATA

<b>Flammability Classification:</b>	OSHA: II	<b>Flash Point:</b>	>212° F	<b>Flash Point Method:</b>	Setaflash
<b>DOT:</b>	Combustible	<b>LEL:</b>	N/A	<b>UEL:</b>	N/A
<b>Extinguishing Media:</b>	Chemical Foam, Carbon Dioxide (CO2), Water Fog or Dry Chemical				
<b>Fire and Explosion Hazards:</b>	Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.				
<b>Fire Fighting Procedures:</b>	Firefighters should wear self-contained breathing apparatus and full protective gear.				
<b>Chronic/Carcinogenicity Effects:</b>	None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).				

## SECTION X – STABILITY AND REACTIVITY DATA

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Hazardous Decomposition Products:</b>	Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2)
<b>Incompatibility (Materials to Avoid):</b>	Avoid contact with strong oxidizing agents and acids

## SECTION XI – TOXICOLOGICAL INFORMATION

<b>Chronic/Carcinogenicity:</b>	None of the ingredients present in this product, at concentrations equal to or greater than 0.1%, have been determined to be carcinogenic by IARC, NTP, OSHA or ACGIH.
<b>Miscellaneous Toxicological Information:</b>	Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized above.

## SECTION XII – TRANSPORT AND REGULATORY INFORMATION

<b>U.S. Regulatory Information:</b>	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.
<b>Canadian Regulatory Information:</b>	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.
<b>Ground / IMDG / IATA:</b>	Not Restricted
<b>Shipping Name:</b>	Asphalt, Petroleum (CA – Proposition 65) / Kaolin (PA – Workplace Hazard)
<b>Hazard Class:</b>	Combustible Liquid
<b>WHMIS Classification:</b>	D2B - Toxic