

AIROSOL COMPANY, INC.
MCKAY CHEMICALS **MECHANICS BRAND**
1101 Illinois, PO Box 120, Neodesha KS 66757 - Phone 620-325-2666

MATERIAL SAFETY DATA SHEET

EMERGENCY INFORMATION

MEDICAL: 1-800-633-9576

TRANSPORTATION: 1-800-535-5053

SECTION ONE

PRODUCT NAME: **Mechanics Brand Rubberized Undercoating**
PRODUCT CODE: **50924MB**
ISSUE DATE: 3/19/2008, Revised 3/29/2009

SECTION TWO - HAZARDOUS COMPONENTS

	EXPOSURE LIMITS	OSHA	ACGIH	%	CAS NO
Calcium Carbonate		5 mg/m3	10 mg/m3	15-20	1317-65-3
Aliphatic Petroleum Solvent		100 ppm	100 ppm	10-15	64742-88-7
Aliphatic Petroleum Solvent		NE	NE		64742-47-8
Aliphatic Petroleum Solvent		NE	NE		8052-41-3
Petroleum Asphalt		NE	5 mg/m3	5-10	8052-42-4
Hydrous Aluminum Silicate		15 mg/m3	10 mg/m3	2-4	1332-58-7
Methanol		200 ppm	200 ppm	2	67-56-1
Carbon Black		3.5 mg/m3	NE	<0.5	1333-86-4
Propane		1,000 ppm	ND	5-10	74-98-6
IsoButane		300 ppm	300 ppm	5	106-97-8

ABBREVIATIONS: *Stel (ACGIH-TLV) N/A: Not Applicable, ND: Not Determined, NE: None Established

SECTION THREE - PHYSICAL DATA

BOILING POINT: > 300 VAPOR PRESSURE (mmHg or psig @ 70°F): 40 psig
VAPOR DENSITY (AIR=1) Heavier than SPECIFIC GRAVITY (H₂O=1): 1.16 (concentrate only)
SOLUBILITY IN WATER % BY WT. Miscible VOC CONTENT % BY WT: 45%
EVAPORATION RATE (BUTYL ACETATE=1): Faster Than APPEARANCE AND ODOR: Black Thixotropic liquid asphalt odor

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND FLAMMABLE LIMITS: UEL 9.5% LEL 0.6%
EXTINGUISHING MEDIUM: Dry chemical, foam or carbon dioxide.

FIRE AND EXPLOSION HAZARD DATA:

SPECIAL FIRE FIGHTING PROCEDURES: Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Keep unnecessary people away; isolate area and deny entry. Stay upwind; keep out of low areas. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. If runoff from fire control occurs, notify the appropriate authorities.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable/combustible material; may be ignited by heat, sparks, or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

SECTION FIVE - REACTIVITY DATA

STABILITY: This product is stable, avoid open flames and high temperatures (above 120°F) and direct sunlight.

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SECTION FIVE - REACTIVITY DATA (continued)

INCOMPATIBILITY: Strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are carbon dioxide, carbon monoxide, oxides of sulfur, and miscellaneous hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION SIX - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

PRIMARY ROUTES OF ENTRY: Inhalation, skin absorption.

ACUTE EFFECTS:

Excessive inhalation may produce dizziness, nausea, headache, and incoordination. May cause reversible eye and skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause pulmonary irritation or dizziness.

CHRONIC EFFECTS:

Asphalt: Some asphalt solutions have produced cancer in laboratory animals. The activity of test materials varies widely, but the activity in general, is weak. Based on the skin painting data, IARC has concluded that there is sufficient evidence for carcinogenicity of asphalts, diluted, dissolved, or liquefied in solvents, in laboratory animals. Workers, therefore, who practice poor personal hygiene and who are repeatedly exposed by direct skin contact to petroleum asphalts over many years, may potentially be at risk of developing skin cancer. Intermittent or occasional skin contact with petroleum asphalts is not expected to have serious health effects as long as good personal hygiene measures, such as those outlined in this MSDS, are followed. In addition, asphalt vapors may contain polycyclic aromatic hydrocarbons, some of which are known to be carcinogenic. Therefore, prolonged breathing of vapors should be avoided.

CARCINOGENICITY:

Calcium Carbonate and Hydrous Aluminum Silicate may contain less than 0.1 % Silica Crystalline Quarts (CAS 14808-60-7) IARC Monographs on the evaluations of the Carcinogenic Risk of Chemicals OF Humans concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans.

Asphalt solutions are considered to be animal carcinogens by IARC.

PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Exposure may aggravate pre-existing respiratory or skin problems.

EMERGENCY AND FIRST AND PROCEDURES:

INHALATION: Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.

EYES: In case of contact with material, IMMEDIATELY flush eyes with running water for at least 15 minutes. Seek immediate medical attention.

SKIN: Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

INGESTION: Unlikely as an aerosol, DO NOT INDUCE VOMITING Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

SECTION SEVEN - ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate all sources of ignition, ventilate enclosed areas. Soap up with absorbent. Place in non-leaking containers for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent

SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS

Store in tightly sealed containers. Keep away from heat, sparks and open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Do not throw empty containers into fires. Read label completely before using.

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SECTION NINE - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Concentration in air determines protection needed. Use only NIOSH certified respiratory protection. Respiratory protection usually not needed unless product is heated or misted. Half mask air purifier, respirator with dust/mist filter or HEPA filter cartridge is acceptable to 10 times the exposure limit.

VENTILATION: Local mechanical exhaust ventilation capable of maintaining emissions at the point of use below the PEL/TLV.

PROTECTIVE GLOVES: Any lined non-permeable rubber gloves.

EYE PROTECTION: Chemical resistant safety glasses with protective side shields.

OTHER PROTECTIVE EQUIPMENT: Non-permeable clothing to protect all skin from liquid contact. Do not eat or drink around this product when using it. Wash exposed areas with soap and water when finished using.

SECTION TEN - REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
Methanol	67-56-1	2-4

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (cercla) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #S
Aliphatic Petroleum Solvent	64742-88-7	5-15	100
Aliphatic Petroleum Solvent	64742-47-8		
Aliphatic Petroleum Solvent	08052-41-3		
Methanol	00067-56-1	2-4	5000

CALIFORNIA PROPOSITION 65:

Silica Crystalline Quartz	14808-60-7	<0.2%
Petroleum Asphalt	8052-42-4	1-10
Calcium Carbonate	1317-65-3	15-25

Calcium carbonate contains the following naturally occurring ingredients that are know to the state of California to cause cancer, birth defects, or other reproductive harm. This warning is provided in the absence of definitive testing to prove that these risks do not exist. These amounts are typical quantities and may vary slightly with different lots:

Arsenic	7440-38-2	1.0ppm
Lead	7439-92-1	2.0ppm
Cadmium	7443-43-9	5.0ppm
Crystalline Silica	14808-60-7	0.01-1.5%

MASSACHUSETTS RIGHT TO KNOW: Yes

Aliphatic Petroleum Solvent	8052-41-3	10-15
Petroleum Asphalt	8052-42-4	5-10
Carbon Black	1333-86-4	<0.5
Methanol	67-56-1	2-4
Propane	74-98-6	5-10
Isobutane	75-28-5	5

PENNSYLVANIA RIGHT TO KNOW: Yes

Aliphatic Petroleum Solvent	8052-41-3	10-15
Petroleum Asphalt	8052-42-4	5-10
Carbon Black	1333-86-4	<0.5
Methanol	67-56-1	2-4
Propane	74-98-6	5-10
Isobutane	75-28-5	5

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SECTION TEN - REGULATORY INFORMATION (continued)

NEW JERSEY RIGHT TO KNOW : Yes

Aliphatic Petroleum Solvent	8052-41-3	10-15
Petroleum Asphalt	8052-42-4	5-10
Carbon Black	1333-86-4	<0.5
Methanol	67-56-1	2-4
Isobutane	75-28-5	5
Propane	74-98-6	5-10

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOC'S: 45%

NFPA RATING AS AN AEROSOL: Level 3

HMIS: HEALTH 2 REACTIVITY 0 FLAMMABILITY 4

CARCINOGENITY CHEMICAL IARC NTP OSHA

NOT LISTED

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