

ARISTECH CHEMICAL -- COAL TAR PITCH - SEALING COMPOUND  
MATERIAL SAFETY DATA SHEET  
ARISTECH CHEMICALNSN: 8030002812341  
Manufacturer's CAGE: 94977  
Part No. Indicator: A  
Part Number/Trade Name: COAL TAR PITCH

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General Information  
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Item Name: SEALING COMPOUND  
Company's Name: ARISTECH CHEMICAL CORPORATION  
Company's Street: 600 GRANT STREET  
Company's City: PITTSBURGH  
Company's State: PA  
Company's Country: US  
Company's Zip Code: 15230-0250  
Company's Emerg Ph #: 412-433-7654/412-433-5811  
Company's Info Ph #: 412-433-7654  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 01OCT88  
Safety Data Review Date: 07FEB90  
Supply Item Manager: 75  
MSDS Serial Number: BHJFQ  
Hazard Characteristic Code: N1  
Unit Of Issue: CN  
Unit Of Issue Container Qty: 5 GALLONS  
Type Of Container: CAN  
Net Unit Weight: 50 POUNDS

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: COAL TAR PITCH VOLATILES (BENZENE SOLUBLE FRACTION),  
ANTHRACENE, BAP, PHENANTRACENE, ACRIDINE, CHRYSENE, PYRENE.  
Ingredient Sequence Number: 01  
Percent: 100  
NIOSH (RTECS) Number: GF8655000  
CAS Number: 65996-93-2  
OSHA PEL: 0.2 MG/M3  
ACGIH TLV: 0.2 MG/M3, A1; 9192  
Other Recommended Limit: NOT ESTABLISHED

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Physical/Chemical Characteristics  
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Appearance And Odor: BLACK SOLID. NO ODOR AT AMBIENT TEMPERATURE. AROMATIC  
AFTER MELTING.  
Boiling Point: >450F,>232C  
Vapor Pressure (MM Hg/70 F): 4 @ 440F  
Vapor Density (Air=1): >1  
Specific Gravity: 1.2  
Solubility In Water: NEGLIGIBLE  
Percent Volatiles By Volume: NEGL.

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Fire and Explosion Hazard Data  
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Flash Point: >200F,>93C  
Flash Point Method: CC  
Extinguishing Media: USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.  
Special Fire Fighting Proc: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire And Expl Hazrds: FINE PITCH DUST IS AS EXPLOSIVE AS COAL DUST. MOLTEN PITCH AT ELEVATED TEMPERATURE WILL BURN.

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): HIGH TEMPERATURES, AND OPEN FLAMES.  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomp Products: CARBON DIOXIDE, CARBON MONOXIDE, TOXIC FUMES.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT APPLICABLE

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Health Hazard Data  
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Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
IRRITATION,PHOTOTOXIC REACTIONS,ACNE,FOLLICULITIS,AND MORE SERIOUS SKIN DISORDERS. INHALATION:SWOLLEN OR IRRITATED NASAL MUCOSA AND SINUSES. CHRONIC-VARIOUS TYPES OF CANCER INCLUDING SKIN CARCINOMAS,LUNG,LIP AND KIDNEY TUMORS.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: YES  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: COAL TAR PITCH IS A CONFIRMED HUMAN CARCINOGEN BY IARC.  
IRRITATION,BURNING,ITCHING,SWELLING,REDNESS. INHALATION:UPPER RESPIRATORY TRACT IRRITATION,COUGHING,SNEEZING.  
Med Cond Aggravated By Exp: INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS (ASTHMA,CHRONIC BRONCHITIS,EMPHYSEMA,ETC.) MAY BE ADVERSELY AFFECTED BY ANY FUME OR AIRBORNE PARTICULATE MATTER EXPOSURE.  
Emergency/First Aid Proc: INHALATION: REMOVE SUBJECT TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR. EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR. SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER.SEE DOCTOR.MOLTEN PITCH IS A SEVERE BURN HAZARD. INGESTION: SEE DOCTOR IMMEDIATELY.

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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: RELEASE OR SPILLAGE OF SOLID CAN BE TREATED AS A COAL SPILLAGE AND RECOVERY MADE AVOIDING SKIN AND EYE CONTACT.IF HOT LIQUID IS SPILLED,CONTAIN WITH ABSORBENT SOLIDS,SUCH AS SAND,EARTH,ETC. ALLOW TO COOL,SCRAPE UP AND DISPOSE.  
Neutralizing Agent: NONE APPLICABLE FOR THIS MATERIAL  
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.  
Precautions-Handling/Storing: STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM HEAT AND IGNITION SOURCES. KEEP CONTAINERS CLOSED.  
Other Precautions: NONE.

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Control Measures  
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Respiratory Protection: NIOSH/MSHA-APPROVED RESPIRATOR WITH CARTRIDGE  
APPROPRIATE FOR DUST AND ORGANIC VAPORS. RESPIRATOR SELECTION DEPENDS ON THE  
TYPE AND MAGNITUDE OF EXPOSURE.  
Ventilation: LOCAL EXHAUST VENTILATION REQUIRED. GENERAL DILUTION  
VENTILATION MAY ASSIST IN REDUCING CONTAMINANT CONCENTRATIONS.  
Protective Gloves: PVA, VYTON.  
Eye Protection: SAFETY GLASSES. FACESHIELD IF SPLASHING.  
Other Protective Equipment: PVA,VYTON PROTECTIVE GARMENTS,FULL BODY  
CLOTHING,EYE WASH STATION AND SAFETY SHOWER.  
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.  
LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Suppl. Safety & Health Data: NONE.  
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Transportation Data  
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Trans Data Review Date: 90038  
DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
AFI PSN Code: ZZZ  
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Disposal Data  
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Label Data  
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Label Required: YES  
Label Status: G  
Common Name: COAL TAR PITCH  
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DISORDERS. INHALATION:SWOLLEN OR IRRITATED NASAL MUCOSA AND SINUSES.  
CHRONIC-VARIOUS TYPES OF CANCER INCLUDING SKIN CARCINOMAS,LUNG,LIP AND  
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SKIN:IRRITATION,BURNING,ITCHING,SWELLING, REDNESS. INHALATION:UPPER  
RESPIRATORY TRACT IRRITATION,COUGHING,SNEEZING.  
Label Name: ARISTECH CHEMICAL CORPORATION  
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Label City: PITTSBURGH  
Label State: PA  
Label Zip Code: 15230-0250  
Label Country: US  
Label Emergency Number: 412-433-7654/412-433-5811