



MATERIAL SAFETY DATA SHEET

3735 GREEN ROAD
BEACHWOOD, OHIO 44122-8068

TELEPHONE: (216)292-5000

EMERGENCIES: (216)765-6727 8:30-5:00 EST
AFTER HOURS: CHEMTREC (800)424-9300

SECTION 1

Order Code: 371700 890

Product Name: BLACLASTIC MODIFIED COAL TAR PITCH ADHESIVE
Chemical Name:
Chemical Family: Adhesive
Product Code: 371-700 Date Prepared: 09-FEB-00
MSDS Preparer: R. A. MIKOL Replaces Date: N/A

Section 2 - Molecular Composition

Common Name and Chemical Name Exposure Limits	Weight %	CAS Number
COAL TAR PITCH OSHA:TWA 0.20 mg/M3 STEL - (volatiles) ACGIH:TWA 0.20 mg/M3 STEL - (volatiles)	88.0-98.0	65996-93-2
RUBBER OSHA:TWA - STEL - ACGIH:TWA - STEL -	2.0-12.0	Trade Secret

Section 3 - Hazards Identification

Emergency Overview:
Black solid. When heated causes burns on contact. Do not attempt removal,
apply cold water and get immediate medical attention.

Potential Hlth Effect/Rte of Entry:

Inhalation:
Mist or vapor can irritate respiratory tract. prolonged exposure to
airborne concentrations significantly beyond workplace exposure limits can
cause respiratory difficulty, convulsions, and possible cardiovascular
collapse.
Eyes:
Vapor and liquid can irritate eyes. Repeated or prolonged exposure may
cause eye damage. Hot material can burn eye tissue, possibly resulting in
loss of eyesight.
Ingestion:
May cause gastrointestinal irritation or distress if swallowed.
Skin:
Liquid can cause skin irritation and dermatitis, including acne. Coal tar
pitch is a phototoxic substance which in the presence of ultraviolet light
(sunlight), can cause a skin reaction similar to an exaggerated sunburn,
frequently causing blisters. Hot material can cause severe heat burns.

Aggravated Medical Conditions:
Pre-existing eye, skin and respiratory disorders may be aggravated by
exposure.

Acute Health Effects:
See effects described above.

Chronic Health Effects:
Long-term overexposure to coal tar pitch can affect skin pigmentation. It
can cause growths on the skin or skin cancer. It may cause cancer of the
lungs, kidneys, or bladder. Coal tar pitch has been determined to be a
human and animal carcinogen.

Section 4 - First Aid Measures

Inhalation:
Leave area to breathe fresh air. Avoid further overexposure. If symptoms

persist, get medical attention immediately.

Eyes:

Apply cold water immediately and get medical attention as soon as possible.

Ingestion:

Ingestion of heated material is not probable.

Skin:

Apply cold water immediately and get medical attention as soon as possible.

Notes to Physician: N/A

Section 5 - Fire Fighting Measures

Flash Point: >374F
Method: OC
Lower Flammability Limit: NOT AVAILABLE
Upper Flammability Limit: NOT AVAILABLE
Autoignition Temperature: 750F

Extinguishing Media:

Carbon dioxide, dry chemical. Water may cause violent reaction.

Fire and Explosion Hazards:

May ignite if heated in excess of flash point. Hot product may ignite flammable or combustible materials on contact. Hydrogen sulfide may be released when heated.

Special Fire Fighting Procedures:

During a fire, personnel at the scene are to prevent exposure to fumes using accepted fire fighting techniques.

Fire Fighting Equipment: N/A

Other Precautions:

Oxides of nitrogen, carbon, and possibly sulfur.

Section 6 - Accidental Release Measures

Release Response Overview:

Allow material to cool. Transfer to appropriate container for disposal.

Section 7 - Handling and Storage

Handling and Storage Precautions:

Store under normal warehouse conditions. Caution must be used to prevent contact with hot material. Prevent inhalation of vapor. To prevent gases, vapors or fumes from migrating into occupied sections of the building, close or cover all openings including windows, doors and air intakes during and after application until gases, vapors or fumes dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment.

Section 8 - Exposure Controls/Personal Protection

Respiratory:

Wear appropriate, properly fitted NIOSH/MSHA approved respirator, as directed by the manufacturer, when the airborne contaminant level(s) exceed the exposure limits indicated in Section 2 of the MSDS.

Skin:

Protect hands with heat resistant gloves. Use slip resistant shoes impervious to hot bitumens.

Eyes:

Chemical splash goggles.

Face:

Face shield is recommended.

Engineering:

Use local exhaust when the general ventilation is not sufficient to keep the airborne contaminant concentration below the exposure limit in Section

2 of the MSDS.

Section 9 - Physical and Chemical Properties

Odor/Appearance: TAR/BLACK SOLID @ 77F
Color: BLACK
Physical State: SOLID
pH:
Vapor Pressure: NONE @ 68F
Vapor Density: > 1 (AIR=1)
Boiling Point: INITIAL >464F
Melting Point: SOFTENS @ 140F
Freezing Point: NOT APPLICABLE
Solubility in Water: NEGLIGIBLE
Specific Gravity: 1.28
% Volatile Weight: 0.0

Section 10 - Reactivity/Stability

Stability:
Stable
Incompatible Products:
Avoid contact with strong oxidizing agents.
Conditions to Avoid Polymerization:
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Eyes: SEE SECTION 3
Ingestion: " " "
Inhalation: " " "
Skin: " " "
Subchronic: " " "
Chronic: " " "

Section 12 - Ecological Information

Ecotoxicological Data: N/A
Chemical Fate: N/A

Section 13 - Disposal Considerations

RCRA Class: N/A
Disposal Method:
Not regulated by RCRA. Dispose of in compliance with state and local regulations.

EPA Reportable Quantities

N/A

Section 14 - Transportation Data

DOT Shipping Name: OTHER REGULATED SUBSTANCE, SOLID,N.O.S.,(BENZO(A)
PYRENE,DIBENZO(A,H)ANTHRACENE),9,NA3077,III
DOT Hazard Class:
DOT Label:
UN/NA Number: NA3077
Packing Group: PGIII
Special Provisions:

Packaging

Exceptions: DOT-E11263
Non-Bulk:
Bulk:

Quantity Limitations

Passenger Aircraft or Railcar:
Cargo Aircraft:

Vessel Stowage Requirements

Vessel Stowage:
Other Stowage:

Transportation Notes: N/A

Section 15 - Regulatory Information

TSCA Status: On the TSCA Inventory
OSHA Status: Considered hazardous based on the following criteria:
OSHA Carcinogen
IARC Carcinogen
NTP Carcinogen
Irritant
Sensitizer

Target Organs

Kidney
Lung
Skin
Eye
Bladder

OSHA Hazardous Components CAS Number

* COAL TAR PITCH 65996-93-2
* - CHEMICAL IS LISTED AS AN IARC, NTP, OSHA, or ACGIH CARCINOGEN

Compliance Quantities

No Compliance Quantities

SARA 311 Ratings

Immediate Health Hazard: Y
Delayed Health Hazard: Y
Fire Hazard: N
Reactivity Hazard: N
Sudden Release of Pressure Hazard: N

SARA 313 Ingredients

No SARA 313 Ingredients

Proposition 65 Ingredients

Chemicals known to the State of California to cause cancer,
birth defects and/or other reproductive harm. CAS Number

COAL TAR PITCH 65996-93-2

Section 16 - Other Information

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.
THE HAZARD INFORMATION HEREIN IS OFFERED SOLELY FOR THE CONSIDERATION
OF THE USER, SUBJECT TO HIS OWN INVESTIGATION OF COMPLIANCE WITH APPLICABLE
REGULATIONS, INCLUDING THE SAFE USE OF THE PRODUCT UNDER EVERY FORESEEABLE
CONDITION.