



CHEMICAL ASSOCIATES
1270 South Cleveland-Massillon Road
Building B
Copley, OH 44321-1683

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE: 800-347-2891
MSDS REFERENCE: CA0375

CHEMTREC: 800-424-9300

SECTION I - IDENTIFICATION

PRODUCT: CA0375 TALL OIL PITCH
SYNONYMS: TALL OIL PITCH
CHEMICAL: STEROL ESTERS OF C₁₈ STRAIGHT CHAIN AND C₂₀ CYCLIC ORGANIC
CAS NO: 8016-81-7
SARA HAZARD: NONE NOTED (SECTION 302/304)
NONE NOTED (SECTION 311/312)
TITLE III SECTION 313 NOT LISTED

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

TYPICAL COMPOSITION	TYPICAL %	PEL/TLV	HAZARD
TALL OIL PITCH (8016-81-7)	89	NONE/NONE	NONE NOTED
ROSIN ACIDS (8050-09-7)	11	NONE/NONE	NONE NOTED

SECTION III - HEALTH INFORMATION

INHALATION: PROLONGED EXPOSURE TO VAPORS FROM HEATED MATERIAL MAY CAUSE IRRITATION IN MOUTH AND/OR THROAT.

INGESTION: NO TOXICITY DATA FOUND.

EYE CONTACT: PROLONGED EXPOSURE TO VAPORS FROM HEATED MATERIAL MAY CAUSE TRANSIENT IRRITATION TO EYES. CONTACT WITH MOLTEN MATERIAL WILL CAUSE THERMAL BURNS.

SKIN CONTACT: PROLONGED CONTACT MAY CAUSE MILD TRANSIENT SKIN IRRITATION. REPEATED CONTACT MAY CAUSE SKIN SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS. CONTACT WITH MOLTEN MATERIAL WILL CAUSE THERMAL BURNS.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: NONE ESTABLISHED
TLV: NONE ESTABLISHED

SECTION V - EMERGENCY FIRST AID PROCEDURE

- INGESTION:** NOT EXPECTED TO BE A ROUTE OF ENTRY. RINSE MOUTH. IMMEDIATELY DILUTE BY DRINKING LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING UNLESS OTHERWISE INSTRUCTED TO DO SO BY A DOCTOR OR POISON CONTROL CENTER. SEEK MEDICAL ATTENTION IF NECESSARY.
- INHALATION:** IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPERATION, PREFERABLY BY MOUTH TO MOUTH. SEEK MEDICAL ASSISTANCE.
- EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES TO ENSURE THOROUGH FLUSHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
- SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING. WASH WITH PLENTY OF SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS BEYOND SEVERAL HOURS. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

SECTION VI - PHYSICAL DATA

- BOILING POINT:** >350 DEG C (650 DEG F)
SOFTENING POINT: 130°F (TYPICAL)
VAPOR PRESSURE: N / A
SPECIFIC GRAVITY: 0.995
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND COLOR: DARK LIQUID (MOLTEN) WITH A TAR-LIKE ODOR.

SECTION VII - FIRE AND EXPLOSION HAZARDS

- FLASH POINT AND METHOD USED:** >300°F C.O.C.
AUTO IGNITION TEMPERATURE: NONE KNOWN
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM OR CARBON DIOXIDE.
UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL EMITS ACID SMOKE.
FLAMMABLE LIMITS: NONE KNOWN
HMIS RATING: HEALTH: (2) FIRE: (1) REACTIVITY: (0)

SECTION VIII - REACTIVITY

- STABILITY:** STABLE.
- HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.
- CONDITIONS AND MATERIALS TO AVOID:** STABLE UNDER NORMAL STORAGE CONDITIONS. SPONTANEOUS HEATING MAY OCCUR IN ITEMS SUCH AS TRASH, INSULATION, AND RAGS SOAKED WITH MATERIAL AND LEFT EXPOSED TO AIR.
- HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING, AND BEFORE EATING, DRINKING, OR SMOKING. REMOVE CONTAMINATED CLOTHING PROMPTLY AND CLEAN BEFORE REUSE.

RESPIRATORY PROTECTION:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. IF EXPOSED TO VAPORS FROM HEATED MATERIAL, A RESPIRATOR, FULL FACE, POSITIVE PRESSURE, AIR-SUPPLIED, HEPA.

PROTECTIVE CLOTHING:

IMPERVIOUS CLOTHING AND RUBBER GLOVES. IF HOT MATERIAL IS HANDLED, PROTECTIVE CLOTHING TO PREVENT BURNS.

EYE PROTECTION:

FACE SHIELD WHEN WORKING WITH MOLTEN MATERIAL.

SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS:

AVOID UNCONTROLLED RELEASE OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE. A COMPREHENSIVE RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.

SPILL OR LEAK PRECAUTIONS:

CONFINE MATERIAL. SHOVEL INTO METAL CONTAINERS IF POSSIBLE. ABSORB ON SAND, SAWDUST, OR OTHER SOLIDS. UNCONTAMINATED SPILLED MATERIAL MAY BE REUSED. SPILLS OF THIS MATERIAL DO NOT CURRENTLY MEET THE EMERGENCY RELEASE REPORTING REQUIREMENTS UNDER THE FEDERAL SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). STATE AND LOCAL LAWS MAY DIFFER FROM FEDERAL.

WASTE DISPOSAL:

INCINERATION IS RECOMMENDED. DISPOSAL MAY BE SUBJECT TO LOCAL, STATE OR NATIONAL REGULATIONS.

SECTION XI - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION:

DOT CLASSIFICATION: NOT REGULATED IN NON-BULK CONTAINERS.
REGULATED IN BULK WHEN SHIPPED AT
TEMPERATURES EXCEEDING 100 DEG C.

FOR BULK SHIPMENTS:

PROPER SHIPPING NAME: HOT: ELEVATED TEMPERATURE LIQUID, N.O.S.
HAZARD CLASS: 9
IDENTIFICATION NO.: UN 3257
PACKAGING GROUP: III.
LABEL REQUIRED: HOT (IF APPLICABLE)

OTHER REGULATORY REQUIREMENTS:

LISTED IN TSCA INVENTORY
LISTED IN CANADIAN DSL
WHIMS (CANADA) CONTROLLED. CLASSIFICATION D/2/A

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

AVOID SKIN AND EYE CONTACT WITH HOT MATERIAL.

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Chemical Associates bears responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

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**DATE: 09/16/08
SUPERSEDES: 04/15/08**