



Specifications:

Citrus Assault Mastic Remover 5 gallon Pail and 55 Gallon Drum

Appearance:	Clear
Odor:	Citrus
Boiling Point:	300°F
Vapor Density:	>1
pH:	Neutral
Flash Point:	>115° F (TCC)
DOT Shipping Class:	55
Shipping Weight:	5 gal. pail 35 lbs. 55 gal. drum 386 lbs.
Specific Gravity:	.84
Solubility:	Water emulsifiable
Coverage Rate:	Up to 225sq. ft. per gallon
Reactivity:	Stable
HMIS Rating:	1-2-0
Shelf Life:	2 years
DOT Shipping Name:	Not DOT Regulated On containers less than 120 gallons

Twin-Chemicals
Atlanta, Georgia

(800) 442-4958
(770) 924-6147 fax

www.twin-chemicals.com



Citrus Assault is a mastic remover that is used to remove all types of adhesives. This product has a very pleasant odor of citrus and is an approved product by one of the largest communications companies in the world. This is a multi-purpose degreaser that can be diluted up to 10:1.

Directions:

1. Read and understand material safety data sheet when using this product.
2. Cover and dike walls, woodwork, drains and cracks.
3. Apply Citrus Assault over all black mastic and adhesives. This may be done manually or with garden sprayer to 5' x 5' square areas.
4. Use a stiff bristled broom to agitate over the area. More than one application may be necessary.
5. Allow Citrus Assault to penetrate and soften the adhesive for 10-20 minutes.
6. After the mastic is dissolved use a squeegee to clean up liquefied mastic and dispose of properly. The use of absorbents may aid in this process.
7. Aggressively clean surface with water and **Pronto Extra Wetter wetting agent** detergent and allow to dry a minimum of 24-36 hours before applying new mastic and new flooring.



TWIN CHEMICALS, INC.

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MATERIAL SAFETY DATA SHEET
CITRUS ASSAULT MASTIC REMOVER

MEETS REQUIREMENTS UNDER 29 CFR 1910.1200

PRODUCT IDENTIFICATION

TRADE NAME:	CITRUS ASSAULT MASTIC REMOVER
MANUFACTURER:	TWIN-CHEM, INC. 6175 Hickory Flat Hwy. Suite 110-344 Canton, GA 30115
CUSTOMER SERVICE PHONE:	(800) 442-4958
EMERGENCY PHONE:	(800) 552-3787
PREPARED BY:	CLIFFORD CANTRELL
DATE PREPARED:	MARCH 7, 2006

COMPONENTS AND HAZARD CLASSIFICATIONS

d-p-MENTHA-1, 8-DIENE	CAS# 5989-27-5	COMBUSTIBLE LIQUID
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PHYSICAL DATA

BOILING POINT:	300 F
VAPOR PRESSURE:	7
VAPOR DENSITY (AIR=1):	> 1
SPECIFIC GRAVITY (WATER=1):	0.84
MELTING POINT:	< 0 F
EVAPORATION RATE (WATER=1):	< 1.0
SOLUBILITY IN WATER:	EMULSIFIABLE
APPEARANCE AND ODOR:	CLEAR LIQUID WITH PLEASANT ORANGE ODOR

FIRE AND EXPLOSION DATA

FLASH POINT:	>115 ⁰ F (TCC)
FLAMMABLE LIMITS:	NOT DETERMINED
EXTINGUISHING MEDIA:	WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, AND HALON

SPECIAL FIRE FIGHTING PROCEDURES: WEAR FULL PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: EMPTY AND PARTIALLY FILLED CONTAINER MAY EXPLODE WHEN EXPOSED TO FIRE CONDITIONS.

REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY (MATERIALS TO AVOID):	DO NOT MIX WITH OTHER CHEMICALS
HAZARDOUS DECOMPOSITION OR BYPRODUCT:	HEAT, VARIOUS UNIDENTIFIED ORGANIC COMPOUNDS.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR.

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HEALTH HAZARD DATA

ROUTE (S) OF ENTRY: INHALATION? YES SKIN? YES EYES? YES INGESTION? YES

HEALTH HAZARDS (ACUTE AND CHRONIC): NONE KNOWN

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SIGNS AND SYSTEMS OF EXPOSURE:

INHALATION: PROLONGED OR EXCESSIVE EXPOSURE MAY RESULT IN IRRITATION OF RESPIRATORY SYSTEM WITH POSSIBLE DIFFICULTY IN BREATHING.

INGESTION: SMALL AMOUNTS MAY CAUSE EXTREME GASTRIC PAIN, DIARRHEA, AND VOMITING.

SKIN CONTACT: PROLONGED CONTACT MAY CAUSE IRRITATION TO SENSITIVE INDIVIDUALS.

EYES CONTACT: CONTACT MAY CAUSE MINOR IRRITATION

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: DO NOT INDUCE VOMITING.

GET MEDICAL ATTENTION IMMEDIATELY.

NOTE TO TREATING PHYSICIAN: SOLVENTS MAY BE ASPIRED INTO LUNGS.

INHALATION: MOVE VICTIM TO FRESH AIR. IF NECESSARY, SUPPORT BREATHING. IF BREATHING DOES NOT RETURN TO NORMAL WITH A FEW MINUTES, GET MEDICAL ATTENTION.

EYE CONTACT: IMMEDIATELY FLUSH EYES FOR AT LEAST 15 MINUTES WITH LARGE AMOUNTS OF GENTLE, FLOWING WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

SKIN CONTACT: FLUSH SKIN WITH WATER AND THEN WASH WITH SOAP AND WATER.

EXPOSURE LIMITS

OSHA PEL	ACGIH TLV	MAX%/% W
d-pMENTHA-1, 8-DIENE	CAS# 5989-27-5	NONE ESTABLISHED

NOTE: DOES NOT CONTAIN ANY SARA TITLE III, SECTION 313 MATERIALS

PRECAUTIONS FOR SAFE HANDLING, SPILL, AND DISPOSAL

SPILLS: EXTINGUISH ALL SOURCES OF IGNITION

DIKE AREA AND ABSORB ON AN INERT ABSORBENT (SAND, EARTH, CLAY)

PLACE IN CHEMICAL CONTAINER FOR DISPOSAL

WASTE DISPOSAL: CONTAMINATED PRODUCT MEET RCRA DEFINITION

OF HAZARDOUS (FLAMMABLE) WASTE. CHECK LOCAL DISPOSAL REGULATIONS.

HANDLING AND STORAGE: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

WARNING! EMPTIED CONTAINER CONTAINS PRODUCT RESIDUE AND VAPORS. OBSERVE

ALL PRECAUTIONS EVEN AFTER IS EMPTIED. WASHING WILL NOT MAKE

CONTAINER SAFE FOR FOOD OR COSMETIC STORAGE.

MATERIAL SAFETY DATA SHEET
CITRUS ASSAULT MASTIC REMOVER

MEETS REQUIREMENTS UNDER 29 CFR 1910-1200

D.O.T. SHIPPING NAME: COMBUSTIBLE LIQUID, NOS
(d-p-MENTHA-1, 8-DIENE) COMBUSTIBLE LIQUID, NA1993, PG III

SPECIAL PROTECTION AND CONTROL MEASURES

RESPIRATORY PROTECTION: FOR USE IN ENCLOSED AREAS USE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE CCR-OV.
VENTILATION: MECHANICAL WHEN USED IN ENCLOSED AREAS.
PROTECTIVE GLOVES: RUBBER OR NEOPRENE
EYE PROTECTION: CHEMICAL GOGGLES

REPORTING REQUIREMENTS

SARA TITLE III

SECTION 302-EXTREMELY HAZARDOUS SUBSTANCE.... NOT REQUIRED
SECTION 304-HAZARDOUS RELEASES.....NOT REQUIRED
SECTION 311-COMMUNITY RIGHT TO KNOW (R-T-K)...REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
SECTION 312-R-T-K INVENTORY DATA.....REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
SECTION 313-EMISSIONS AND RELEASE.....REPORTING NOT REQUIRED
CERCLA.....SAME AS 304

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. USERS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT INFORMATION IS CURRENT, APPLICABLE AND SUITED TO THE CIRCUMSTANCES OF USE. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. FURTHERMORE, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY CAUSED BY ABNORMAL USE OF THIS MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES IS FOLLOWED.
