

MATERIAL SAFETY DATA SHEET

ADAMS LIQUID GASKET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ADAMS LIQUID GASKET
PART No.: APC120CC
UN/NA (PIN) No.: UN1090
APPLICATIONS: Gasket Sealer
EMERGENCY TELEPHONE: Info Trac - (800) 535-5053
SUPPLIER: Chemtool Incorporated
8200 Ridgfield Road
P.O. Box 538
Crystal Lake, IL 60039-0538
TELEPHONE: (815) 459-1250
FAX: (815) 459-1955

2. COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS No.:	CONTENTS :	EPA RQ:	TPQ:
ACETONE	67-64-1	70-100 %	5 000 lbs	N/A

COMPOSITION COMMENTS:

Refer to section eight for exposure limits on ingredients.
Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

3. HAZARDS IDENTIFICATION

Flammable. Irritating to eyes and skin. Harmful if swallowed.

CHRONIC EFFECTS:**SENSITIZATION:**

No known information.

CARCINOGENICITY:

NTP: Not listed. IARC: Not listed. OSHA: Not regulated.

* IARC (International Agency for Research on Cancer)

* OSHA (Occupational Safety and Health Administration)

* NTP (National Toxicology Program)

REPRODUCTION/TERATOGENICITY:

No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

HEALTH WARNINGS:

INHALATION. The solvent vapors are harmful and will cause headache, nausea and intoxication. Prolonged inhalation of large concentrations can damage the respiratory system. **SKIN CONTACT.** Irritating. Repeated or prolonged contact can result in drying of the skin. The product/chemical has a defatting effect on the skin. **EYE CONTACT.** Strongly irritating. **INGESTION.** Can cause stomach ache and vomiting.

ROUTE OF ENTRY:

Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

4. FIRST AID MEASURES

- INHALATION:** Remove victim immediately from source of exposure. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. If breathing stops, provide artificial respiration. Get medical attention.
- INGESTION:** DO NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
- SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
- EYES:** Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F): ~-4 **METHOD:** TCC (Tag closed cup).
FLAMMABILITY LIMIT - LOWER(%): 2.2
FLAMMABILITY LIMIT - UPPER(%): 13.0

EXTINGUISHING MEDIA:

Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES:

Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control. Use special protective clothing. Regular protection may not be safe. Prevent inhalation of fumes and gases.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Volume and pressure increases strongly when heated. Risk of container explosion in fire.

HAZARDOUS COMBUSTION PRODUCTS:

Acrid smoke/fumes. Oxides of: Carbon.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES:

Carefully collect spilled material in closed containers and leave for disposal according to local regulations. Provide good ventilation. Use appropriate protective clothing. Rinse area with water. Do not let washing down water contaminate ponds or waterways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:

Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place. Containers to be kept tightly closed.

STORAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Store separate from strong acids and oxidizers. Store in accordance with local regulations.

STORAGE CRITERIA:

Flammable liquid storage.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	OSHA PEL:		ACGIH TLV:		OTHER:		UNITS:
		TWA:	STEL:	TWA:	STEL:	TWA:	STEL:	
ACETONE	67-64-1	750	1000	750	1000	N/A	N/A	ppm

PROTECTIVE EQUIPMENT:



ENGINEERING CONTROLS:

Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION: No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS: Respiratory protection must be used if air concentration exceeds acceptable level.

PROTECTIVE GLOVES:

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

EYE PROTECTION:

Wear splash-proof eye goggles to prevent any possibility of eye contact.

PROTECTIVE CLOTHING:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Liquid.
COLOR:	Red.
ODOR:	Solvent.
SOLUBILITY DESCRIPTION:	Slightly soluble in water.
BOILING POINT (°F, interval):	~133 PRESSURE: 760mmHg
DENSITY/SPECIFIC GRAVITY (g/ml):	~1.3 TEMPERATURE (°F): 61
pH-VALUE, CONC. SOLUTION:	N/D

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID:

Avoid heat, flames and other sources of ignition. Avoid contact with oxidizers or reducing agents.

HAZARDOUS POLYMERIZATION:

Will not polymerize.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of: Carbon.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

No experimental toxicological data on the preparation as such is available.

12. ECOLOGICAL INFORMATION**ECOLOGICAL INFORMATION:**

No data on possible environmental effects have been found.

BIOACCUMULATION:

Not determined.

BIODEGRADABILITY:

Not determined.

ACUTE AQUATIC TOXICITY:

Not determined.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS:**

Dispose of in accordance with Local Authority requirements. Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION**LABEL FOR CONVEYANCE:****PROPER SHIPPING DESCRIPTION I:** Acetone solution**U.S. DOT:****UN/NA No.:** UN1090**U.S. DOT HAZARD LABEL:** FLAMMABLE (Red diamond) DOT9**U.S. DOT CLASS:** Flammable Liquid.**U.S. DOT PACKING GROUP:** II**15. REGULATORY INFORMATION****REGULATORY STATUS OF INGREDIENTS:**

NAME:	CAS No:	TSCA:	CERCLA:	SARA 302:	SARA 313:	DSL(CAN):
ACETONE	67-64-1	Yes	Yes	N/A	Yes	Yes

US FEDERAL REGULATIONS:**REGULATORY STATUS:**

TSCA: The ingredients of this product are on the TSCA Inventory. SECTION 313: This product contains toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. CERCLA 302.4. SARA 311 Categories: 1: Immediate (Acute) Health Effects. 3. Fire Hazard.

**STATE REGULATIONS:
STATE REGULATORY STATUS:**

This product or its components, if a mixture, is subject to following regulations (Not meant to be all inclusive - selected regulations represented):. PROPOSITION 65: This product does not contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity, and for which warnings are now required.

**CANADIAN REGULATIONS:
LABELS FOR SUPPLY:**



REGULATORY STATUS:

This Material Safety Data Sheet has been prepared in compliance with the Controlled Product Regulations.

16. OTHER INFORMATION

NFPA HAZARD RATING:

HEALTH: Temporary incapacitation, injury (2)
FLAMMABILITY: Ignites easily (3).
REACTIVITY: N/A (0).
SPECIAL HAZARD: N/A

NPCA HMIS HEALTH: 2 Moderate Hazard
PERS. PROTECT. INDEX: B

PREPARED BY: Stacey Lorenz

DATE: July 25, 2001

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the date thereof, Chemtool Incorporated makes no warranty with respect thereto and disclaims all liability from reliance therein.