



**SECTION 1: IDENTIFICATION**

**PRODUCT IDENTIFIER:**

CHEM-SET QUICK TAC 2  
ACETONE-BASED  
CAA AEROSOL

**RECOMMENDED USE OF THE CHEMICAL:** AEROSOL SPRAY, Adhesive activator

**SUPPLIER DETAILS: MANUFACTURED BY:** Chemical Concepts, Inc.  
410 Pike Road  
Huntingdon Valley, PA. 19006

**Phone:** 800.220.1966

**Fax:** 215.357.2754

**EMERGENCY TELEPHONE NUMBERS:**

INFOTRAC: 1.800.535.5053

**SECTION 2: HAZARDS IDENTIFICATION**

**CLASSIFICATION OF THE SUBSTANCE OF MIXTURE:**

Flammable Aerosols, Category 1  
Gases Under Pressure, Category Compressed Liquid  
Acute Toxicity - Dermal, Category 3  
Serious Eye Damage/Eye Irritation, Category 2A  
Specific Target Organ Toxicity - Single Exposure, Category 3  
Specific Target Organ Toxicity - Repeated Exposure, Category 2



**HAZARD PICTOGRAMS:**

GHS02 Flame, GHS04 Gas Cylinder, GHS06 Skull and Crossbones, GHS07 Exclamation Mark, GHS08 Health Hazard

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:**

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H311 Toxic in contact with skin.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.

**PRECAUTIONARY STATEMENTS:**

**GENERAL & PREVENTION:**

P102 Keep out of reach of children.  
P210 Keep away from heat/sparks/open flames. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P261 Avoid breathing vapor/spray.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear eye protection.

**RESPONSE:**

P302+P350 IF ON SKIN: Wash with plenty of soap and water.  
P304+P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P337+P313 If eye irritation persists: Get medical advice/attention.

**STORAGE:**

P403+P233 Store in a well-ventilated place. Keep container tightly closed when not in use.  
P410+P403 Protect from sunlight. Store in a well-ventilated place.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 degrees C/122 degrees F.

**DISPOSAL:**

P501 Dispose of contents/container in accordance with local/regional/national regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#	COMPONENT	CAS#	% by WT.
1	ACETONE	67-64-1	69.0
2	PROPANE	74-98-6	20.4
3	N-BUTANE	106-97-8	9.6
4	N,N-DIMETHYL-P-TOLUIDINE	99-97-8	1.0

**SECTION 4 - FIRST AID MEASURES**

**Inhalation:** If inhaled: Remove victim to fresh air and keep comfortable for breathing.  
**Skin Contact:** If on skin: Wash with plenty of soap and water. Call a poison center/doctor if you feel unwell.  
Remove contaminated clothing and wash before reuse.  
**Eye Contact:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
**Ingestion:** If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting unless directed to do so by medical personnel.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

See Section 11 Information on toxicological effects.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT REQUIRED:**

Treat symptomatically.

**SECTION 5 - FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** CO2 (Carbon Dioxide), dry chemical, or water fog.  
**Unsuitable Extinguishing Media:** Water spray may be unsuitable. However, if water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat.  
**Specific Hazards Arising From the Chemical:** Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include, and are not limited to: oxides of carbon.  
**Special Protective Equipment and Precautions for Fire-Fighters:** Full protective equipment including self-contained breathing apparatus should be used.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Use personal protection recommended in Section 8.  
**Environmental Precautions:** None known.  
**Methods of Containment:** Absorb spilled liquid in suitable material.  
**Methods for Clean-Up:** Use spark-proof tools to sweep or scrape up and containerize.  
**Other Information:** Ensure adequate ventilation.

## **SECTION 7 - HANDLING AND STORAGE**

### **Precautions for Safe Handling:**

Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate/burn container.

### **Conditions for Safe Storage, Including Any Incompatibilities:**

Protect from sunlight. Do not expose to temperatures exceeding 50 degrees C / 122 degrees F.  
Store in dry, well-ventilated area and in accordance with local, state, and federal regulations.  
Keep container tightly closed when not in use.  
Keep container tightly closed when not in use.

## **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **CONTROL PARAMETERS**

<u>#</u>	<u>COMPONENT</u>	<u>ACGIH TLV-STEL</u>	<u>ACGIH TLV-TWA</u>	<u>OSHA PEL-TWA</u>
1	ACETONE	750 ppm	500 ppm	1000 ppm
2	PROPANE	1800 ppm	2500 ppm	1000 ppm
3	N-BUTANE	N/E	800 ppm	800 ppm
4	N,N-DIMETHYL-P-TOLUIDINE	N/E	N/E	N/E

**APPROPRIATE ENGINEERING CONTROLS:** Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels.

**EYE/FACE PROTECTION:** Wear safety glasses with side shields. Have eye wash facilities immediately available.

**SKIN PROTECTION:** Wear chemical resistant gloves if contact is likely.

**RESPIRATORY PROTECTION:** Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled within applicable limits with ventilation.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE:</b>	Aerosol - Pressurized Liquid
<b>COLOR:</b>	See product identification
<b>ODOR:</b>	SOLVENT ODOR
<b>ODOR THRESHOLD:</b>	No data available
<b>pH:</b>	No data available
<b>FREEZING POINT:</b>	Not Established (mixture)
<b>BOILING POINT:</b>	N.A. (Pressurized mixture)
<b>FLASH POINT:</b>	<-18C (-0.4F) C.C.
<b>EVAPORATION RATE:</b>	Faster than ether
<b>UPPER FLAMMABILITY LIMIT:</b>	Not Established (mixture)
<b>LOWER FLAMMABILITY LIMIT:</b>	Not Established (mixture)
<b>VAPOR PRESSURE:</b>	Approximately 50 psig @ 10 C (70 F)
<b>SPECIFIC GRAVITY:</b>	0.692
<b>SOLUBILITY (WATER):</b>	Negligible
<b>VOC PERCENT BY WEIGHT:</b>	30.99
<b>HAPS PERCENT BY WEIGHT:</b>	0
<b>MIR NUMBER (EPA AND CA):</b>	

## **SECTION 10: STABILITY AND REACTIVITY CHEMICAL**

**STABILITY:** Stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur.

**CONDITIONS TO AVOID:** Keep away from heat, sparks, and flames.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** by fire - Carbon Dioxide and Carbon Monoxide

## SECTION 11: TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF ENTRY:** Skin contact, Inhalation, Eye contact, Ingestion

### **SIGNS AND SYMPTOMS OF EXPOSURE:**

**Skin Contact:** Signs/symptoms may include localized redness, itching, drying and cracking of skin.

**Inhalation:** Intentional concentration and inhalation may be harmful or fatal.

**Eye Contact:** Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:** Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

### **TARGET ORGANS POTENTIALLY AFFECTED BY EXPOSURE:**

Central nervous system, Kidneys, Lungs, Liver, Eyes, Respiratory Tract, Skin

## **TOXICOLOGICAL DATA:**

#	COMPONENT	LD50 ORAL	LD50 DERMAL
1.	ACETONE	1000	2400
2.	PROPANE	1000	1800
3.	N-BUTANE	N/E	N/E
4.	N,N-DIMETHYL-P-TOLUIDINE	N/E	N/E

## SECTION 12: ECOLOGICAL INFORMATION

No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product in accordance with Federal, State, and Local regulations.

Do not puncture, incinerate, or place container in trash compactor.

## SECTION 14: TRANSPORTATION INFORMATION

### **GROUND (D.O.T./49 CFR):**

**UN I.D. Number:** UN1950  
**Proper Shipping Name:** AEROSOLS ("FLAMMABLE" is optional to add after AEROSOLS)  
**Transport Hazard Class:** 2.1  
**Packing Group:** - (not applicable)  
**Hazard Label:** Limited Quantity (LTD QTY) label -- see 49 CFR 172.315  
**Shipping Papers Format:** UN1950, AEROSOLS, FLAMMABLE, 2.1 LTD QTY

### **AIR (IATA):**

**UN I.D. Number:** UN1950  
**Proper Shipping Name:** AEROSOLS, FLAMMABLE  
**Transport Hazard Class:** 2.1  
**Packing Group:** - (not applicable)  
**Hazard Labels:** LTD QTY label with "Y" in it, and Flammable Gas Label  
**Packing Instruction:** Y203  
**Shipping Papers Format:** UN1950, AEROSOLS, FLAMMABLE, 2.1

### **WATER (IMDG):**

**UN I.D. Number:** UN1950  
**Proper Shipping Name:** AEROSOLS  
**Transport Hazard Class:** 2.1  
**Hazard Label:** LTD QTY label (see IMDG 3.4.5.1)  
**Packing Instruction:** P003, LP02  
**Ems:** F-D, S-U  
**Stowage and Segregation:** Category A  
**Shipping Papers format:** UN1950, AEROSOLS, 2.1, (-18 C c.c.), LTD QTY  
**Environmental Hazards:** No component of this product is a listed Marine Pollutant (49 CFR 172,101,Appendix B).

## SECTION 15: REGULATORY INFORMATION

### International Chemical Inventory

All components of this product are listed on or exempt from the following inventories:

TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

### SARA Section 313 Toxic Chemicals:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA 313 Title III, Section 313.

#### Pennsylvania Right To Know Components

N,N-dimethyl-p-toluidine CAS #: 99-97-0

#### New Jersey Right to Know Components

N,N-dimethyl-p-toluidine CAS #: 99-97-0

#### California Prop 65 Components

WARNING: This product contains a chemical known to the State of California to cause cancer.

N,N-dimethyl-p-toluidine CAS #: 99-97-0

## SECTION 16: OTHER INFORMATION

REVISION DATE: 06/01/2015

### HMIS & NFPA Hazard Scale:

0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe

HMIS(American Coatings Association's Hazardous Material Identification System)

Health=2 Flammability=4 Physical Hazard=1

NFPA 704(National Fire Protection Association's Hazard Identification Ratings

System): Health = 2

Flammability= 4

Instability = 1

*NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulation.*