

**Section 1 IDENTIFICATION**

**Product Name:** Chem-Set™ Speed Tac II CA Glue Accelerator

**Manufacturer:** Chemical Concepts, Inc.  
410 Pike Road  
Huntingdon Valley, PA. 19006  
Phone: 800.220.1966  
Email: sales@chemical-concepts.com Website: www.chemical-concepts.com  
Information department: Environment protection department.

**Materials Uses:** Bonding and Adhering various plastic surfaces, fiberglass surfaces, gel coat, and various metals, including aluminum, steel, and stainless steel

**In Case of Emergency Contact: INFOTRAC: 800-535-1035**

**Section 2 HAZARD IDENTIFICATION**

**GHS Classification:**

CATEGORY	SIGNAL WORD	HAZARD STATEMENT(S)
Physical Flammable Liquids, Category 2	DANGER	H225 – Highly flammable liquid and vapor
Health Acute Oral Toxicity, Category 3 Acute Dermal Toxicity, Category 3 Acute Inhalation Toxicity, Category 3 Skin Irritant, Category 2 Eye Irritation, Category 2A STOT SE, Category 3 STOT RE, Category 2	DANGER DANGER DANGER WARNING WARNING WARNING WARNING	H301 – Toxic if swallowed H311 – Toxic in contact with skin H331 – Toxic if inhaled H315 – Causes skin irritation H319 – Causes serious eye irritation H335 – May cause a respiratory irritation H373 – May cause damage to organs through prolonged or repeated exposure



**GHS Precaution Statements:**

**Prevention:**

- P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 – Keep container tightly closed.

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- P240 – Ground/Bond container and receiving equipment.
- P241 – Use explosion-proof electrical/ventilating/lighting equipment.
- P242 – Use only non-sparking tools.
- P243 – Take precautionary measures against static discharges.
- P260 – Do not breathe dust/fume/gas/mist/vapors/spray.
- P261 – Avoid breathing dust/fume/mist/vapors/spray.
- P264 – Wash hands (or other affected skin surfaces) thoroughly after handling.
- P270 – Do not eat, drink, or smoke when using this product.
- P271 – Use only outdoors or in a well-ventilated area.
- P272 – Contaminated work clothing should not be allowed out of the workplace.
- P273 – Avoid release to the environment
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- P301/P330/P331 – IF SWALLOWED: Rinse mouth. Do not induce vomiting.
- P302/P352 – IF ON SKIN: Wash with plenty of soap and water.
- P303/P361/P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304/P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
- P310 – Immediately call a POISON CENTER or doctor/physician.
- P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
- P333/P313 – If skin irritation or rash occurs get medical advice/attention.
- P362/P364 – Take off contaminated clothing and wash it before reuse.
- P363 – Wash contaminated clothing before reuse.
- P370/P378 – In case of fire: Use dry chemical or CO<sub>2</sub> to extinguish small fires. Use water for large fires.

**Storage:**

- P403 – Store in a well-ventilated place.
- P410 – Protect from sunlight.
- P411 – Store at temperatures not exceeding 25°C (75°F).

**Disposal:**

- P501 – Dispose of contents/containers in accordance with local/regional/national/international regulations.

**Route of Entry:** Eye contact, skin contact, inhalation, and ingestion.

**Target Organs:** Skin, eyes, respiratory tract, digestive tract, liver, kidney, olfactory and Central Nervous System (CNS).

**Skin Contact:** May cause irritation of the skin. Prolonged exposure may cause sensitization. Preexisting skin conditions may be aggravated by exposure to this material.

**Eye Contact:** May cause irritation and/or sensitization.

**Respiratory Contact:** Respiratory tract irritant. Prolonged exposure may result in dizziness, nausea, headache, and anesthetic effects. May cause sensitization. Preexisting respiratory conditions may be aggravated by exposure to this product. May cause CNS depression.

**Ingestion:** Not an expected route of entry. If ingested it may cause irritation to the gastrointestinal tract.

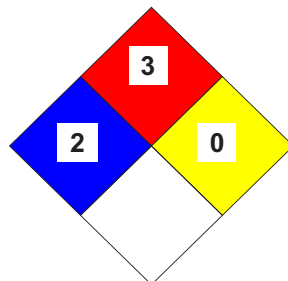
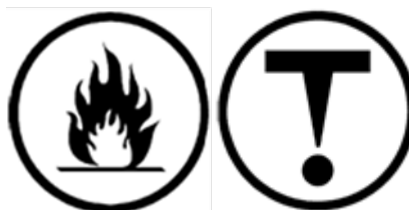
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**Classification System NFPA ratings (scale 0-4):**
**HMIS (United States)**

Health	2
Flammability	3
Reactivity	0
PPE	B

**NFPA (United States)**

**WHMIS (Canada): B2, D2B**

**Section 3 COMPOSITION / INFORMATION ON INGREDIENTS**

	Name	CAS #	% by Weight
Zip Tac:	Acetone	67-64-1	50 – 100%
	N,N-dimethyl-p-toluidine	99-97-8	Less than 1%

**Section 4 FIRST-AID MEASURES**

**Skin:** Remove contaminated clothing. Flush skin with water, then wash affected areas with soap and water. If irritation develops, seek medical attention. Wash or dispose of clothing before reuse.

**Eye:** Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush if possible. Seek immediate medical attention.

**Respiratory:** Remove patient to fresh air. If patient is having difficulty breathing, seek immediate medical attention. If not breathing, clear airway and start mouth-to-mouth artificial respiration (or use bag-mask respirator). Seek immediate medical attention.

**Ingestion:** Give patient water to dilute material in stomach. DO NOT induce vomiting. Seek immediate medical attention. If vomiting occurs naturally, have person lean forward to reduce risk of aspiration. DO NOT give anything by mouth to an unconscious person.

**Section 5 FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** In case of fire, use dry chemical or CO<sub>2</sub>. Water spray may cause frothing.

**Specific Hazards Arising from the Chemical:** Sealed containers of Zip Tac may rupture violently at elevated temperatures due to the increased vapor pressure.

**Special Protective Equipment and Precautions for Firefighters:** Use self-contained breathing apparatus (SCBA) and protective clothing.

**Flash Point and Method:** 1.4°F (-17°C). Fine mists may be explosive below the flash point. Tag Closed Cup.

**Flammability Classification:** Class 1B.

**Risk of Explosion due to Mechanical Impact:** Not Applicable.

**Risk of Explosion due to Static Discharge:** Not Applicable.

**Hazardous Products of Combustion:** Carbon Oxides (CO and CO<sub>2</sub>), and various Hydrocarbons.

**Autoignition Temp.:** 869°F (465°C).

**LEL:** 2.0 % (Vapor).

**UEL:** 13.0%. (Vapor)

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## Section 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** For large spill or leak wear self-contained breathing apparatus (SCBA) and appropriate PPE.

**Environmental Precautions:** Keep out of sewers and drains.

**Clean-Up Methods and Materials:** Absorb with an inert material and place in an appropriate container for disposal.

## Section 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid breathing vapors. Use in a well-ventilated area. Wear rubber gloves (nitrile or butyl) and chemical resistant apron. Wear chemical splash goggles. Do not reuse empty containers.

**Storage Precautions:** Store in a cool, dry, well-ventilated area at temperatures less than 75°F (25°C). Storage above 212°F (100°C) may cause explosive decomposition. Avoid storage in direct sunlight. Keep containers closed when not in use. Keep away from heat sources, sparks, and open flames.

## Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters and Exposures:**

**Material Name:**

**Exposure Limits:**

Acetone (CAS 67-64-1):

OSHA PEL: TWA 2,400 ppm

ACGIH TLV: TWA 1,200 ppm

STEL 1,200 ppm

N,N-dimethyl-p-toluidine (CAS 99-97-8)

WEEL: TWA 0.5 ppm

**Engineering Controls:** Provide adequate explosion proof ventilation (general or local exhaust). Ensure that a working eyewash and safety shower are in the work area.

**Individual Protection Measures and PPE:**

**Eye / Face Protection:** Wear safety glasses with side shields or splash goggles.

**Skin Protection:** Chemical resistant gloves (nitrile or butyl) and chemical resistant apron are recommended.

**Respiratory Protection** In case of insufficient ventilation, wear an approved (NIOSH) respirator with organic vapor cartridge and dust/mist pre-filter.

**Thermal Hazards:** None.

## Section 9 PHYSICAL AND CHEMICAL PROPERTIES

	Zip Tac 2
<b>Appearance:</b>	Clear, colorless/amber
<b>Odor:</b>	Mild Sweet
<b>Odor Threshold:</b>	Not Available
<b>pH:</b>	7.0
<b>Melting Point / Freezing Point:</b>	-137 °F (-94°C)
<b>Initial Boiling Point and Boiling Range:</b>	133°F (56°C)
<b>Flash Point and Method:</b>	1.4°F (-17°C) Tag Closed Cup
<b>Evaporation Rate:</b>	0.1
<b>Flammability:</b>	Class 1B
<b>Lower Explosion Limit:</b>	2.0% (V)
<b>Upper Explosion Limit:</b>	13.0%(V)

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<b>Vapor Pressure:</b>	231 mm Hg @ 68°F (20°C)
<b>Vapor Density:</b>	0.791 g/cm <sup>3</sup> @ 68°F (20°C)
<b>Relative Density:</b>	7.7 – 8.8 lbs./gallon
<b>Solubility(ies):</b>	Miscible in Water
<b>Partition Coefficient (n-Octanol in Water):</b>	log Pow = -0.24
<b>Auto-Ignition Temperature:</b>	869°F (465°C)
<b>Decomposition Temperature:</b>	Not Available
<b>Viscosity (Dynamic CPS/mPA-s):</b>	3 CPS
<b>Percent Volatile:</b>	Not Available
<b>Specific Gravity:</b>	0.785
<b>VOC:</b>	Not Listed

#### Section 10 STABILITY AND REACTIVITY

**Reactivity:** Non-reactive under normal conditions.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Acetone reacts violently with phosphorus oxychloride. Vapors may form explosive mixture with air.

**Conditions to Avoid:** Incompatible materials, heat, sparks, open flames, direct sunlight.

**Materials to Avoid (Incompatibility):** Strong oxidizing agents, strong reducing agents, strong bases, nitric acid, sulfur dichloride, potassium tert-butoxide, hexachloromelamine, chloroform, alkali, sulfuric acid.

**Hazardous Decomposition Products:** Carbon Oxides (CO, CO<sub>2</sub>), and various Hydrocarbons.

#### Section 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity to Animals:**

Acetone (CAS 67-64-1):

LD50 = 5800 mg/kg (oral, rat)

LD50 = 50100 mg/m<sup>3</sup> (inhalation, rat, 8 hour)

LD50 = 20000 mg/kg (dermal, rabbit)

**Acute Toxicity to Humans:** This product has not been tested for human effects. No additional information.

**Chronic Toxicity to Animals:** This product has not been tested for animal effects. No additional information.

**Chronic Toxicity to Humans:** This product has not been tested for human effects. No additional information.

**Skin Irritation:** May irritate the skin.

**Eye Irritation:** Irritating effect. Vapors may be irritating to the eyes.

**Respiratory Sensitization:** Not Available.

**Skin Sensitization:** Not Available.

**Mutagenicity:** Classifiable as “none” for human.

**Carcinogenicity:** Not classifiable for human or animal.

**Reproductive Toxicity:** Not Available.

**Teratogenic Effects:** Classifiable as “none” for human.

**STOST- Single Exposure:** May cause drowsiness.

**STOST – Repeated Exposure:** May cause drowsiness.

**Aspiration Hazard:** Not Available.

#### Section 12 ECOLOGICAL INFORMATION

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**Ecotoxicity:**

 Acetone (CAS: 67-64-1) Fish LC50 – *Oncorhynchus mykiss* (rainbow trout) – 5,540 mg/l

 Invertebrates EC50 – *Daphnia magna* (Water flea) – 8,800 mg/l

**Persistence and Degradability:** Readily biodegradeable.

**Bioaccumulative Potential:** Not Bioaccumulative.

**Mobility in Soil:** Aqueous solution has high mobility in soil.

**Other Adverse Effects:** Not Available.

**Section 13 DISPOSAL CONSIDERATIONS**
**Disposal Methods:**

**Acetone (CAS 67-64-1)** is considered Hazardous Waste Product per RCRA 40 CFR 261 and is classed as D001. Spilled, contaminated, or waste material should be put into a suitable container and handled according to Federal, State, and local regulations. Contact a qualified waste management company for assistance.

**DANGER!** Rags, steel wool, and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. Waste should be immediately placed in a sealed water filled container.

**Section 14 TRANSPORT INFORMATION**
**UN Number:** UN1090

**UN Proper Shipping Name:** Acetone

**Transport Hazard Class:** 3.

**Packing Group:** II.

**DOT Classification:** UN1090, Acetone, Flammable Liquid, Hazard Class 3, Packing Group II

**Special Provision for Transport:** 1 Liter (0.3 gallon) or less may use Limited Quantity exceptions (49 CFR 172.102 & 49 CFR 173.150 (a) (2)).

**ADR / RID Classification:** Class 3 Flammable Liquid.

**ICAO/IATA Classification:** Class 3 Flammable Liquid.

**IMO/IMDG Classification:** Class 3 Flammable Liquid.

**Marine Pollutant:** No additional information.

**Section 15 REGULATORY INFORMATION**
**U.S. Federal Regulations**

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
Acetone (CAS 67-64-1)			1.0	5000		U002
N, N-dimethyl-p-toluidine						

All quantities are in pounds.

**State Regulations**

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Acetone (CAS: 67-64-1)		X	X	X	X	X
N,N-dimethyl-p-toluidine						

**TSCA (Toxic Substances Control Act):** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory Requirements.

**International Regulations:**

**DSL (Canada Domestic Substance List):** All components of this product are on the DSL (Canada Domestic Substance List) or are exempt from DSL.

**EINECS:** Not Available.

**WHMIS:** B2, C, D2B.

**Section 16 OTHER INFORMATION**

**Changes to This Revision:** April, 2026

**Prepared By:** Chemical Concepts, Inc.

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**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**END OF SDS DOCUMENT**