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\*\*\* Section 1 - Product and Company Identification \*\*\*

**Manufacturer/Importer Information**

Therma-Tru Corporation  
 108 RE Jones Road  
 Butler IN, 46721

Emergency Phone: CHEMTREC, U.S. : (800) 424-930  
 International Phone: (703) 527-3887 (703) 527-3887

**Product Identifier**

Touch-up Acrylic Aerosol  
 Product Code:

**Recommended Use**

Article

**Restrictions on Use**

None

\*\*\* Section 2 – Hazards Identification \*\*\*

**GHS Classification**

Flammable Liquid, 1  
 Aspiration Hazard, 3

**GHS Label Elements**

**Symbol(s)**



**Signal Word - DANGER**

**Hazard Statements**

Extremely flammable liquid and vapor.  
 Toxic if swallowed.



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## Precautionary Statements

### Prevention

- Keep container tightly closed.
- Keep away from heat/sparks/open flame- No smoking.
- Wear protective gloves and eye/face protection.
- Ground/Bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting equipment.
- Take precautionary measures against static discharge.
- Use only non-sparking tools.
- Do not eat, drink, or smoke when using this product.
- Wash hands thoroughly after handling.

### Response

- In case of fire, use foam, Co2, and dry chemical.
- IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physican.
- Rinse Mouth

### Storage


- Store in cool/well-ventilated place.
- Store Locked up.

### Disposal

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

## \*\*\* Section 3 – Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
67-64-1	Acetone	16-30
141-78-6	Ethyl Acetate	20-25
108-88-3	Toluene	15-20
108-10-1	Methyl Isobutyl Ketone	9-12
74-98-6	Propane	8-18
N/A	Resin	7-15
N/A	Various inert	3-5
67-63-0	Propanol 2-	1-3
75-28-5	Isobutane	1

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**\*\*\* Section 4 – First Aid Measures \*\*\***

**First Aid Eye contact**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention.

**First Aid Skin contact**

Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. Get medical attention if irritation develops or persists.

**First Aid Inhalation**

Move injured person into fresh air and keep person calm under observation. If breathing is difficult, give oxygen. Get medical attention immediately.

**First Aid Ingestion**

Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting.

**\*\*\* Section 5 – Fire Fighting Measures \*\*\***

**General Fire Hazards**

Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back. Vapors may travel to a source of ignition and flash back. Runoff to sewer may cause fire or explosion hazard. See Section 9 for Flammability Properties.

**Hazardous Combustion Products**

Carbon oxides

**Extinguishing Media**

Foam. Dry powder. and carbon dioxide (CO2).

**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.


**Fire Fighting Equipment/Instructions**

In case of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do it without risk. Water runoff can cause environmental damage. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Firefighters should wear full protective clothing including self contained breathing apparatus.

**\*\*\* Section 6 – Accidental Release Measures \*\*\***

**Recovery and Neutralization**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use water spray to reduce vapors or divert vapor cloud drift. Collect spillage. Prevent entry into waterways, sewers, basements or confined areas.

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**Materials and Methods for Clean-Up**

Wipe up with absorbent material (e.g. cloth, fleece). Should not be released into the environment. Do not allow material to contaminate ground water system. Prevent product from entering drains. Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small Spills: Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water. This material and its container must be disposed of as hazardous waste. Never return spills in original containers for re-use. Clean up in accordance with all applicable regulations.

**Emergency Measures**

In its manufactured and shipped state, this product is considered to present low hazard. Processing may generate dusts and fumes with the below listed potential health effects.

**Personal Precautions and Protective Equipment**

No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

**Prevention of Secondary Hazards**

None

**\*\*\* Section 7 – Handling and Storage \*\*\***

**Handling Procedures**

Avoid contact with eyes, skin, and clothing. All handling to take place in well-ventilated area. Local exhaust is recommended. Use explosion-proof ventilation equipment. Do not smoke and do not spray near an open flame or other sources of ignition. The product is highly flammable, and explosive vapor/air mixtures may be formed even at normal room temperatures. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures. Observe good industrial hygiene practices.

**Storage Procedures**

Follow rules for flammable liquids. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit. Keep away from heat, spark, open flames and other sources of ignition.

**Incompatibilities**

None



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**\*\*\* Section 8 – Exposure Controls / Personal Protection \*\*\***

## Component Exposure Limits

### Occupational exposure limits

#### ACGIH

Components	Type	Value
Acetone (67-64-1)	STEL	
	TWA	500 ppm
Ethyl Acetate (141-78-6) Isobutane (75-28-5)	TWA	400 ppm
	STEL	1000 ppm
Methyl Isobutyl Ketone (108-10-1)	TWA	75 ppm
	TWA	50 ppm
Propane (74-98-6)	TWA	50 ppm
	STEL	1000 ppm
Propanol, 2- (67-63-0)	TWA	400 ppm
	TWA	200 ppm
Toluene (108-88-3)	TWA	200 ppm
	TWA	20 ppm

#### U.S. - OSHA

Components	Type	Value
Acetone (67-64-1)	PEL	1000 ppm
		2400 mg/m3
	STEL	2400 mg/m3
		1000 ppm
	TWA	1800 mg/m3
		750 ppm
Ethyl Acetate (141-78-6)	PEL	400 ppm
		1400 mg/m3
	TWA	400 ppm
		1400 mg/m3
Methyl Isobutyl Ketone (108-10-1)	PEL	100 ppm
		410 mg/m3
	STEL	75 ppm
		300 mg/m3
	TWA	50 ppm
		205 mg/m3
Propane (74-98-6)	PEL	1000 ppm
		1800 mg/m3



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	TWA	1000 ppm
		1800 mg/m3
Propanol, 2- (67-63-0)	PEL	400 ppm
		980 mg/m3
	STEL	500 ppm
		1225 mg/m3
	TWA	400 ppm
		980 mg/m3
Toluene (108-88-3)	CEILING	300 ppm
	STEL	150 ppm
		560 mg/m3
	TWA	200 ppm
		375 mg/m3

**Canada - Alberta**

**Components**

Acetone (67-64-1)	STEL	1000 ppm
		2400 mg/m3
	TWA	1800 mg/m3
		750 ppm
Ethyl Acetate (141-78-6)	TWA	1440 mg/m3
		400 ppm
Methyl Isobutyl Ketone (108-10-1)	STEL	75 ppm
		307 mg/m3
	TWA	50 ppm
		205 mg/m3
Propane (74-98-6)	STEL	1500 ppm
		2700 mg/m3
	TWA	1800 mg/m3
		1000 ppm
Propanol, 2- (67-63-0)	STEL	500 ppm
		1230 mg/m3
	TWA	400 ppm
		983 mg/m3
Toluene (108-88-3)	TWA	188 mg/m3
		50 ppm



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## Canada- BC

### Components

Acetone (67-64-1)	STEL	500 ppm
	TWA	250 ppm
Ethyl Acetate (141-78-6)	TWA	150 ppm
Isobutane	TWA	1000 ppm
Methyl Isobutyl Ketone (108-10-1)	STEL	75 ppm
	TWA	50 ppm
Propane (74-98-6)	TWA	1000 ppm
Propanol, 2- (67-63-0)	STEL	400 ppm
	TWA	200 ppm
Toluene (108-88-3)	TWA	20 ppm

## Canada- Ontario

### Components

Acetone (67-64-1)	STEL	750 ppm
	TWA	500 ppm
Ethyl Acetate (141-78-6)	TWA	1440 mg/m <sup>3</sup>
	TWA	400 ppm
Isobutane	TWA	1000 ppm
Methyl Isobutyl Ketone (108-10-1)	STEL	75 ppm
	TWA	205 mg/m <sup>3</sup>
	TWA	50 ppm
Propane (74-98-6)	TWA	1000 ppm
Propanol, 2- (67-63-0)	STEL	400 ppm
	TWA	200 ppm
Toluene (108-88-3)	TWA	50 ppm

## Canada- Quebec

### Components

Acetone (67-64-1)	STEL	1000 ppm
		2380 mg/m <sup>3</sup>
	TWA	500 ppm
		1190 mg/m <sup>3</sup>
Ethyl Acetate (141-78-6)	TWA	400 ppm
		1440 mg/m <sup>3</sup>
Methyl Isobutyl Ketone (108-10-1)	STEL	75 ppm
		307 mg/m <sup>3</sup>



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	TWA	50 ppm
		205 mg/m3
Propane (74-98-6)	TWA	1000 ppm
		1800 mg/m3
Propanol, 2- (67-63-0)	STEL	1230 mg/m3
		500 ppm
	TWA	400 ppm
		983 mg/m3
Toluene (108-88-3)	TWA	188 mg/m3
		50 ppm

### Engineering Measures

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure to a minimum.

### Personal Protective Equipment: Respiratory

When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts.

### Personal Protective Equipment: Hands

Abrasion resistant gloves when handling doors with cut edges.

### Personal Protective Equipment: Eyes

No specific precautions

### Personal Protective Equipment: Skin and Body

No specific precautions

## \*\*\* Section 9 – Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Aerosol	<b>Odor:</b>	NA
<b>Physical State:</b>	Liquid	<b>pH:</b>	NA
<b>Vapor Pressure:</b>	1,600-5,600mmHg	<b>Vapor Density:</b>	NA
<b>Boiling Point:</b>	NA	<b>Melting Point:</b>	NA
<b>Solubility (H2O):</b>	NA	<b>Specific Gravity:</b>	< 1
<b>Evaporation Rate:</b>	NA	<b>VOC:</b>	NA
<b>Octanol/H2O Coeff.:</b>	NA	<b>Flash Point:</b>	10 °F (-12.2 °C)
<b>Flash Point Method:</b>	NA	<b>Upper Flammability Limit (UFL):</b>	7.6
<b>Lower Flammability Limit (LFL):</b>	1.7	<b>Burning Rate:</b>	ND

NA –Not applicable

## \*\*\* Section 10 – Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal temperature conditions

### Hazardous Reaction Potential

Hazardous polymerization does not occur.





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### Conditions to Avoid

No specific precautions

### Incompatible Products

Strong acids

### Hazardous Decomposition Products

No data available

## \*\*\* Section 11 – Toxicological Information \*\*\*


### Acute Toxicity

#### A: General Product Information

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

#### B: Component Analysis - LD50/LC50

Components	Type	Results
Methyl Isobutyl Ketone	Dermal Rabbit	16,000mg/kg
	Oral Rat	2080 mg/kg
	Other Guinea	0.919 ml/kg
	Other Mouse	590 mg/kg
	Other Rat	1.14 ml/kg
	Acute Oral Rat	2600-7500 mg/kg
Toulene	Inhalation Rat	16000 mg/l
Ethyl Acetate	Acute Oral Rat	5600 mg/kg
	Dermal Rabbit	5030-7900 mg/kg
Propanol, 2-	Oral Dog	4794 mg/kg
	Oral Mouse	3600 mg/kg
	Oral Rabbit	6410 mg/kg
	Oral Rat	4700-5800 mg/kg
	Other Mouse	1509 mg/kg
	Other Rat	1099 mg/kg
	Inhalation Rat	1646 m/l
	Oral Rat	658 mg/kg
	Inhalation Mouse	52 mg/l

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**Potential Health Effects: Skin Corrosion Property**

Causes skin irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Potential Health Effects: Eye Critical Damage**

Causes eye irritation. Exposed individuals may experience eye tearing, redness, and discomfort.

**Potential Health Effects: Ingestion**

Harmful or fatal if swallowed. Can enter lungs and cause damage. Components of the product may be absorbed into the body by ingestion. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**Potential Health Effects: Inhalation**

Causes respiratory tract irritation. Vapors irritate the respiratory system, and may cause coughing and difficulties in breathing. Vapors may cause drowsiness. Prolonged or frequent inhalation of vapors in high concentrations may cause permanent damage to the nervous system, including the brain..

**Respiratory Organs Sensitization/Skin Sensitization**

This product is not reported to have any skin sensitization effects.

**Generative Cell Mutagenicity**

This product is not reported to have any mutagenic effects.

**Carcinogenicity**

**A: General Product Information**

This product is not reported to have any carcinogenic effects.

**B: Component Carcinogenicity**

Not applicable

**Reproductive Toxicity**

Possible risk of harm to the unborn child.

**Specified Target Organ General Toxicity: Single Exposure**

Eyes. Liver. Respiratory system. Skin. Kidneys. Central nervous system.

**Specified Target Organ General Toxicity: Repeated Exposure**

May cause central nervous system disorder and/or damage. May cause damage to the liver and kidneys. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Aspiration Respiratory Organs Hazard**

Harmful or fatal if swallowed. Can enter lungs and cause damage.

**\*\*\* Section 12 – Ecological Information \*\*\***

**Ecotoxicity**

**A: General Product Information**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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## B: Component Analysis - Ecotoxicity – Aquatic and Terrestrial Toxicity

Components	Type	Results
Methyl Isobutyl Ketone	LC50 Fathead minnow	492-593 mg/l
Ethyl Acetate	LC 50 Indian catfish	200.32-225.42 mg/l
Propanol, , 2-	LC50 Bluegill	>1400 mg/l
Acetone	EC50 Water Flea	21.6-23.9 mg/l
	LC50 Fathead minnow	>100 mg/l

### Persistence/Degradability

No information available.

### Bioaccumulation

No information available.

### Mobility in Soil

No information available

### \*\*\* Section 13 – Disposal Considerations \*\*\*

### Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### Disposal of Contaminated Containers or Packaging

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

### \*\*\* Section 14 – Transportation Information \*\*\*

### DOT/IATA/IMDG/TDG Information:

#### DOT

UN Number: 1950  
Proper Shipping Name: Aerosols  
Hazard Class: 2.1

#### IATA

UN Number: 1950  
Proper Shipping Name: Aerosols, Flammable  
Hazard Class: 2.1

#### IMDG

UN Number: 1950  
Proper Shipping Name: Aerosols  
Hazard Class: 2

#### TDG

UN Number: 1950  
Proper Shipping Name: Aerosols, Flammable  
Hazard Class: 2.1



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**\*\*\* Section 15 – Regulatory Information \*\*\***

## Regulatory Information

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D): Not regulated

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Toluene

Methyl Isobutyl Ketone

Propanol 2-

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

Toluene

Methyl Isobutyl Ketone

Propanol 2-

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

Acetone

5,000

Ethyl Acetate

5,000

Toluene

1,000

Methyl Isobutyl Ketone

100

Propane

100

Propanol 2-

100

Isobutane

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard –

Yes

Delayed Hazard -

Yes

Fire Hazard -

Yes

Pressure Hazard -

No

Reactivity Hazard -

No

Section 302

No

Section 311/312 (40 CFR 370)

Yes

Drug Enforcement Administration (21 CFR 1308.11-15)

Not controlled

WHMIS status

Controlled

WHMIS classification

D2B -Other Toxic Effects-TOXIC

D2A-Other Toxic Effects- VERY TOXIC

B5- Other Toxic Effects- TOXIC

WHMIS labeling

Inventory status



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Country(s) or region Inventory name On inventory (yes/no)*	
Australia Australian Inventory of Chemical Substances (AICS)	No
Canada Domestic Substances List (DSL)	No
Canada Non-Domestic Substances List (NDSL)	No
China Inventory of Existing Chemical Substances in China (IECSC)	No
Europe European Inventory of Existing Commercial Chemical Substances	No
Europe European List of Notified Chemical Substances (ELINCS)	No
Japan Inventory of Existing and New Chemical Substances (ENCS)	No
Korea Existing Chemicals List (ECL)	No
New Zealand New Zealand Inventory	No
Philippines Philippine Inventory of Chemicals and Chemical Substances	No
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US - California Hazardous Substances (Director's): Listed substance

Toulene Listed

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):

Toulene Listed

US – New Jersey Community RTK

Toluene 500lbs  
Methyl Isobutyl Ketone 500LBS  
Propane 500LBS  
Propanol 2- 500LBS  
Isobutane 500LBS

US – Pennsylvania RTK:

Acetone Listed  
Ethyl Acetate Listed  
Toluene Listed  
Methyl Isobutyl Ketone Listed  
Propane Listed  
Propanol 2- Listed  
Isobutane Listed



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**\*\*\* Section 16 – Other Information \*\*\***

## HAZARD RATINGS

	Health Hazard	Fire Hazard	Instability
<b>NFPA</b>	2	0	0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

NFPA Label colored diamond code: Blue - Health; Red - Flammability; Yellow - Instability; White - Special Hazards

	Health Hazard	Flammability	Physical Hazard
<b>HMIS</b>	2	0	0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe\* - Chronic Health Effect

Personal Protection codes: D - Face Shield, Gloves, Apron

HMIS Label colored bar code: Blue - Health; Red - Flammability; Orange - Physical Hazards; White - Special

### **Disclaimer:**

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.