

Tampa® Star TP-218 Pad-Printing Ink

SECTION 1: IDENTIFICATION

Product Identifier: Tampa® Star TP-218 Pad-Printing Ink
Other Means of Identification: SMP Part Number TPR193
Recommended Use: Pad-Printing Ink
Restrictions on Use: None known
Supplier Identifier: Sterling Marking Products Inc., 1147 Gainsborough Road, London, ON
Canada N6H 5L5 1-800-265-5957, 519-434-5785
Emergency Phone Number: CANUTEC (613) 966-6666, Cellular *666

SECTION 2: HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the U.S. Hazardous Communication Standard (HCS 2012)

Classification of the substance or mixture

Flammable Liquid and Vapour

Causes Serious Eye Damage

Specific Target Organ Toxicity, Single Exposure: May Cause Respiratory Irritation

Harmful to Aquatic Life with Long Term Effects

Label elements**Signal word**

Danger

Hazard statements

H226 Flammable liquid and vapour.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

H318 Causes serious eye damage.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P333 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 IF INGESTED: Immediately call a POISON CENTER or doctor.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percentage (%)	Other Identifiers
4-Hydroxy-4-methylpentan-2-one	123-42-2	25 – 50%	Diacetone Alcohol
2-Butoxyethyl acetate	112-07-2	10 - 15%	Ethylene glycol butyl ether acetate
Cyclohexanone	108-94-1	3-10%	
Solvent Naptha (petroleum)	64742-95-6	2.5-10%	
Butyl glycolate	7397-62-8	1-3%	

Note: All ingredients are listed on the Domestic Substances List (DSL) and the Toxic Substances Control Act (TSCA) list.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur consult a physician, preferably an ophthalmologist.

Skin Contact: Immediately flush affected area with water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation occurs. Remove contaminated clothing and laundry before reuse. Discard contaminated leather articles such as shoes and belt.

Ingestion: Do **NOT** induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Notes to Physician: No specific antidote. Treatment based on sound judgement of physician and individual reactions of patient. First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

Water spray, carbon dioxide, dry chemical, foam. Alcohol resistant foams (ATC type) are preferred if available. General purpose synthetic foams (including AFFF) or protein foams may function but much less effectively.

Specific Hazards arising from the Product:

Hazardous Decomposition/Combustion Materials (under fire conditions):

The smoke may contain unidentified toxic and/or irritating compounds. Carbon monoxide. Carbon dioxide, Phosphorous Oxides and Sodium Oxides.

Special Protective Equipment:

Fire fighters should wear full protective clothing including self-contained breathing equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:

Wear appropriate protective equipment. Avoid contact with skin and eyes.

Environmental Precautionary Measures:

Prevent entry into sewers or streams, dike if needed. Dilute with plenty of water.

Procedure for Clean-up:

Small spills can be flushed with large amounts of water; larger spills should be collected for disposal. Absorb with an inert dry material and place in an appropriate waste disposal container.

SECTION 7. HANDLING AND STORAGE**Precautions for Safe Handling:**

None required other than normal safe material handling procedures.

Conditions for Safe Storage:

Keep containers tightly closed. Store away from strong acids, strong bases and strong oxidizing agents. Store in accordance with good industrial practice.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**Appropriate Engineering Controls:****Personal Protective Equipment****Respiratory Protection:**

Gloves: Use gloves chemically resistant to this material. Examples of acceptable glove barrier materials include Natural rubber gloves. Neoprene gloves. Nitrile gloves. Polyvinylchloride (PVC) gloves. Viton gloves. **NOTICE:** the selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials as well as the instructions/specifications provided by the glove supplier.

Skin Protection: The selection of personal protective equipment varies depending upon conditions of use. Skin contact should be prevented through use of suitable protective clothing, gloves and footwear, selected for conditions of use and exposure potential. Consideration must be given both to durability as well as permeation resistance. Impervious clothing. Impervious boots.

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work station location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Pasty

Colour: Opaque, coloured

Odor: Solvent-like

pH at 20°C (68°F): 2.3.

Boiling Point: 153°C

Freezing/Melting Point: Not determined

Vapour Pressure: Not determined

Vapour Density: Not determined

% Volatile by Volume: Not Available.

Evaporation Rate: Not Available.

Solubility: Completely soluble.

Viscosity: Not determined

Molecular Weight: Not available.

Other: Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Not reactive.

Chemical Stability:

Stable.

Hazardous Polymerization:

Will not occur.

Conditions to Avoid:

Materials to Avoid:

Oxidizing materials. Strong acids or bases, strong oxidizing agents and strong reducing agents

Hazardous Decomposition Products:

Decomposition products can include and are not limited to: Carbon monoxide. Carbon dioxide, Magnesium Oxides, Sulphur Oxides and Sodium Oxides.

Additional Information:

No additional remarks.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Ingestion:

Low toxicity. Small amounts swallowed incidental to normal handling operations are not likely to cause injury. Swallowing larger amounts may cause injury.

Skin Contact: Irritant to skin and mucous membranes.

Inhalation: Brief exposure (minutes) is not likely to cause adverse effects.

Eye Contact: Irritating effect. Causes serious eye irritation.

Toxicity

Chemical Name	CAS Number	NIOSH/TWA	Toxicology
4-Hydroxy-4-methylpentan-2-one	123-42-2	50 ppm	OECD 401 LD50: 4000 mg/kg (oral, rat)
2-Butoxyethyl acetate	112-07-2	5 ppm	OECD 401 LD50: 1880 mg/kg (oral, rat)
Cyclohexanone	108-94-1	50 ppm	OECD 401 LD50: 8000 mg/kg (oral, rabbit)
Solvent Naptha (petroleum)	64742-95-6	Not known	Not known
Butyl glycolate	7397-62-8	Not known	Not known

Carcinogenicity:

Carcinogenicity Comment: IARC (international Agency for Research on Cancer) – Substance is not listed, none of the ingredients are listed.

NTP (National Toxicity Program) – None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration) – None of the ingredients are listed.

Reproductive Toxicity/Teratogenicity/Embryotoxicity/Mutagenicity: None known.

SECTION 12: ECOLOGICAL INFORMATION**Other Information:**

Ecotoxicity: material toxic to aquatic organisms on an acute basis. Rinse off of bigger amounts into drains may harm aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Contaminated Packaging: Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 14: TRANSPORT INFORMATION**DOT**

UN number: UN1210

UN proper shipping name: Printing ink, flammable

Transport hazard class(es):

Class: 3

Subsidiary risk:-

Label(s): 3

Packing group: III

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Special provisions: B1, IB3, T2, TP1

Packaging exceptions: 150

Packaging non bulk: 173

Packaging bulk: 242

IATA

UN number: UN1210

UN proper shipping name: Printing ink, flammable

Transport hazard class(es):

Class: 3

Subsidiary risk:-

Label(s): 3

Packing group: III

Environmental Hazards No.

ERG Code: 3L

Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

SECTION 15: REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available.

U.S. Regulatory Rules:

California Proposition 65: Not Listed.

MA Right to Know List: Not Listed.

New Jersey Right-to-Know List: Not Listed.

Pennsylvania Right-to-Know List: Not Listed.

Classification of the Substance or Mixture

Flammable Liquid and Vapour

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Label elements



Signal word

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SECTION 16: OTHER INFORMATION

Additional Information: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

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End of SDS.