

Material Safety Data Sheet

MTURPS-(8)-05/09

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Makers of Fine Paint Since 1962

Mineral Turps

ISSUED: 12 May 2009

Worksafe Classification: Classified as Hazardous according to criteria of Worksafe Australia

I. COMPANY DETAILS

Company Name Topline Paint Pty Ltd
Address 33 Aldershot Road, Lonsdale, South Australia 5160
Telephone (08) 8384 1188 Tel/Fax (08) 8326 1824
E-mail admin@toplinepaint.com.au

II. IDENTIFICATION

Product Code None
Product Name Mineral Turpentine
Also known as Mineral Turps, Turps
Proper Shipping Name PAINT
UN Number 1263
DG Class 3
Sub.Risk N/A
Packing Group III
Hazchem Code 3Y
Poisons Schedule S5
Product Use For thinning of enamel paints

Physical Description/Properties

Appearance Thin water white liquid
Boiling Point 145°C at 100kPa
Vapour Pressure 0.7 kpa @ 20°C
Specific Gravity Approx. 0.8
Flash Point Approximately 33°C (Abel)
Flamm Limit LEL / UEL 0.9% / 5.5%
Solubility in Water Insoluble

Other Properties

Volatile Component 100%
Autoignition Temp. 250°C
Vapour Density 4.35 @ 15°C
Solubility in Organic Solvents Soluble in most organic solvents
Odour Aromatic odour, typical hydrocarbon odour
Form Liquid
Materials to Avoid Incompatible with strong oxidisers

Ingredients

Name	CAS	Proportion
Liquid Hydrocarbons	64742-95-6	100 %

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III. HEALTH HAZARD INFORMATION

Health Effects

Acute-Swallowed	If swallowed may cause irritation of mouth, throat and digestive system. Amounts swallowed incidental to normal handling are not likely to cause injury; however ingestion of larger amounts may cause harm. If aspirated (ie liquid enter lung), may cause lung damage due to chemical pneumonia, a condition caused by petroleum and petroleum-like solvents.
Acute-Eye	May cause slight eye irritation. Prolonged or repeated exposure to high concentrations of vapour may cause irritation of eye.
Acute-Skin	Repeated or prolonged skin contact may lead to irritation. Solvents in formulation may defat the skin. May cause dermatitis.
Acute-Inhaled	Toxic by Inhalation. Prolonged or repeated exposure to high concentrations may cause irritation of respiratory tract and mucous membranes.
Chronic	Repeated or prolonged skin contact may cause chronic dermatitis or aggravate an existing skin condition. Prolonged or repeated exposure to high vapour concentrations of solvents may result in signs and symptoms of central nervous system effects, eg headache, dizziness and eventually unconsciousness.

First Aid

Swallowed	Do not induce vomiting. Give a glass of water. If poisoning occurs, contact a doctor or Poisons Information Centre,
Eye	Wash with flowing water for 15 minutes. Seek medical attention if irritation persists.
Skin	Remove contaminated clothing and wash before re-use. Wash skin with water and soap. Do NOT use solvents.
Inhaled	If effects occur, remove to fresh air. If not breathing, apply resuscitation, eg. Mouth-to-mouth. If breathing is difficult, oxygen can be give by a trained person. Call a doctor and/or transport to a medical treatment facility.
First Aid Facilities	Access to a deluge shower and eye wash station is recommended.

Advice to Doctor

Advice to Doctor	Because of the risk of aspiration gastric lavage should only be undertaken after endotracheal intubation.
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IV. PRECAUTIONS FOR USE

Exposure Limits	None established for this product. Supplier of bulk material recommends an exposure limit of 100 ppm on a time weighted average basis.
Engineering Controls	Use in a well-ventilated area only. Consider mechanical ventilation. Do not use in confined areas without air supply mask. When spray painting use a purifying (organic) vapour respirator suited to spray painting.
Other Information	None.

Personal Protection

Respiratory	Refer to AS/NZ 1715 for selection of suitable equipment. In high concentration use an organic vapour respirator or self contained breathing apparatus.
Protective Equipment	Wear clean body covering clothing and foot wear. Wear impervious gloves and safety glasses. Wash contaminated clothing before reuse. Exercise good work practices to avoid skin and eye contact.
Other details	Wash hands thoroughly before eating, smoking, drinking or using toilet facilities.

Flammability

Fire Hazards	Flammable. Keep away from heat, sparks or naked flames. Do NOT smoke.
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V. SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions	Store in a cool place and out of direct sunlight. Store in well-ventilated area. Store away from sources of heat or ignition. Store in original containers. Ensure containers are clearly labelled.
Storage Regulations	Store according to AS 1941 Storage and Handling of Dangerous Goods.
Storage and Transport	Classified as dangerous goods for transport by road, rail, sea or air. State and/or local government regulations to be observed for storage and transportation by road and rail. Regulations for transport by sea or air may vary, check with relevant authority. Class 3 Flammable liquids shall not be loaded on the same vehicle with: <ul style="list-style-type: none">- Class 1 Explosives- Class 2.1 Flammable gases (when both in bulk)- Class 2.3 Poisonous gases- Class 4.2 Spontaneously combustible substances- Class 5.1 Oxidising agents- Class 5.2 Organic peroxides- Class 7 Radioactive substances
Other Storage Info	Not Applicable
Proper Shipping Name	UN 1263, PAINT

Spills and Disposals

Spills and Disposals	Shut off all possible sources of ignition. Contain all spills. Contain using sand and earth - prevent run-off into drains and waterways. In the event of a small spill: Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labelled drums for disposal. For larger spills: Contain, collect and place in secure labelled containers for disposal. Burn or bury in accordance with State and/or Local government regulations.
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Fire/Explosion Hazard

Fire / Explosion Hazard	Flammable. Vapours may form explosive mixtures with air. Keep all potential sources of ignition away from open containers. Keep containers closed when not in use. Burning product may emit toxic fumes and smoke. Wear self-contained breathing apparatus if risk of exposure to vapours or products of combustion. Keep containers exposed to heat, cooled with water spray to avoid rupture of containers. Extinguishing Media: Use foam.
Fire Fighting Procedures	Evacuate immediate area. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion. Keep uninvolved containers cool with water spray. Contain water run-off from fire for collection and controlled disposal. Avoid body contact with substance or water run-off.
Extinguishing Media	Extinguish fire with the following: Use foam, dry chem or carbon dioxide. Avoid spreading liquid and fire by water flooding.
Hazardous Reaction	Avoid Oxidising agents.
Hazchem Code	3

OTHER INFORMATION

Toxicology	Harmful if inhaled in high concentrations
Risk Statement	R11 Highly Flammable R20 Harmful by inhalation
Safety Statement	S16 Keep away from sources of ignition – no smoking. S25 Avoid contact with eyes. S29 Do not empty into drains. S33 Take precautionary measures against static discharges.
Environ. Protection	Do not dispose of waste or excess materials to drains, sewers or waterways.
Hazard Category	Harmful/Irritant
Manufacturers Advice	Contact Topline Paint on (08) 8384 1188 for additional information.
Regulations	This MSDS is prepared in accordance with the Worksafe Australia Document "National Code of Practice for the Preparation of Material Data Safety Sheets", 1994
Disclaimer	This MSDS summarises our best knowledge of the health and safety hazard information and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. The responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.