

A R T S P E C T R U M
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M A T E R I A L S A F E T Y D A T A S H E E T

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REVISION:

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Classified as hazardous according to criteria of NOHSC

I D E N T I F I C A T I O N

PRODUCT NAME: PARALOID VARNISH

OTHER NAMES: MINERAL TURPENTINE (UNMARKED)

MANUFACTURER'S PRODUCT CODE:

SHIPPERS NAME: TURPENTINE SUBSTITUTE WHITE SPIRIT

UN NUMBER: 1300

DANGEROUS GOODS CLASS AND SUBSIDIARY RISK: CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA CLASS: 3.3

HAZCHEM CODE: 3 [Y]

POISONS SCHEDULE NUMBER: S5

USE: SOLVENT FOR USE IN ALKYD RESIN MANUFACTURE, PAINT THINNING.

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: WATER WHITE TYPICAL HYDROCARBON ODOUR.

BOILING POINT(°C): IBP: 147°C FBP: 197°C

VAPOUR PRESSURE (PASCALS OR MM OF HG AT 15°C): 0.43 kPA

SPECIFIC GRAVITY: 0.81 AT 15°C

FLASHPOINT (°C): 32°C

FLAMMABILITY LIMITS (%): LEL: 0.46% V/V UEL: 3.4% V/V

SOLUBILITY IN WATER (G/L): INSOLUBLE

AUTOIGNITION TEMPERATURE: 250°C

VAPOUR DENSITY AT 15°C: 4.35

OTHER PROPERTIES:

INGREDIENTS

CHEMICAL ENTITY:

CAS NUMBER: N/A. 64742-95-6

PROPORTION: AROMATICS 47%, LIQUIDHYDROCARBONS 53%.

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H E A L T H H A Z A R D I N F O R M A T I O N

HEALTH EFFECTS

SWALLOWED: HARMFUL IF SWALLOWED. TENDS TO BREAK UP INTO FOAM IF THE PATIENT VOMITS. ASPIRATION INTO THE LUNGS MAY LEAD TO CHEMICAL PNEUMONITIS.

EYE: MILDLY IRRITATING TO THE EYES.

SKIN: MILDLY IRRITATING TO SKIN. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS DUE TO DEFATTING EFFECT.

INHALED: INHALATION MAY CAUSE IRRITATION TO THE RESPIRATORY SYSTEM.

CHRONIC EXPOSURE: PROLONGED EXPOSURE TO VAPOURS MAY CAUSE SOMNOLENCE AND NARCOSIS.

FIRST AID

SWALLOWED: IF SWALLOWED, DO NOT INDUCE VOMITING, GIVE GLASS OF WATER AND SEEK MEDICAL ADVICE.

EYE: FLOOD EYE WITH PLENTY OF WATER FOR 20 MINUTES. IF IRRITATION OCCURS SEEK MEDICAL ADVICE.

SKIN: REMOVE CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY WITH SOAP AND WATER.

INHALED: REMOVE AFFECTED PERSON FROM CONTAMINATED AREA AND SEEK MEDICAL ADVICE.

P R E C A U T I O N S F O R U S E

EXPOSURE STANDARDS: WORKSAFE EXPOSURE STANDARD TIME WEIGHTED AVERAGE (TWA) 480MG/M³ MINERAL TURPENTINE.

ENGINEERING CONTROLS: PROVIDE SUFFICIENT VENTILATION TO KEEP AIRBORNE LEVELS BELOW THE EXPOSURE LIMITS.

PERSONAL PROTECTION: AVOID CONTACT WITH THE SKIN AND EYES, AND AVOID BREATHING VAPOURS OR MISTS. WHEN EXPOSURE IS LIKELY USE PERSONAL PROTECTIVE EQUIPMENT: EYE PROTECTION, PVC GLOVES, PVC APRON & RUBBER BOOTS.

FLAMMABILITY: FLAMMABLE. ISOLATE FROM SOURCES OF HEAT, NAKED FLAMES, SPARKS AND OXIDISING MATERIALS. TAKE PRECAUTIONS AGAINST DISCHARGES OF STATIC ELECTRICITY.

S A F E H A N D L I N G I N F O R M A T I O N

STORAGE AND TRANSPORT: STORE IN WELL VENTILATED PLACE AWAY FROM IGNITION SOURCES AND OXIDISING AGENTS, CLOTHING AND FOOD STUFFS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. CLASSIFIED AS A DANGEROUS SUBSTANCE FOR TRANSPORT.

SPILLS AND DISPOSAL: WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. EXTINGUISH OR REMOVE ALL SOURCES OF IGNITION AND STOP LEAK IF SAFE TO DO SO. CONTAIN THE SPILL WITH SAND OR EARTH. PLACE USED ABORBENT IN SUITABLE SEALED CONTAINERS AND FOLLOW LOCAL, STATE, FEDERAL AUTHORITY REGULATIONS FOR DISPOSAL. DO NOT ALLOW PRODUCT TO ENTER DRAINS, SEWERS AND WATER COURSES.

FIRE/EXPLOSION HAZARD: FLAMMABLE LIQUID. COMBUSTION PRODUCTS INCLUDE OXIDES OF CARBON. KEEP STORAGE TANKS, PIPELINES, FIRE EXPOSED SURFACES ETC COOL WITH WATER SPRAY. SHUT OFF ANY LEAK IF SAFE TO DO SO AND REMOVE SOURCES OF RE-IGNITION. VAPOUR/AIR MIXTURES MAY IGNITE EXPLOSIVELY AND FLASHBACK ALONG THE VAPOUR TRAIL MAY OCCUR. USE FOAM, CO₂ OR POWDER TO EXTINGUISH FIRE.

C O N T A C T P O I N T :

ANY FURTHER TECHNICAL INFORMATION - PHONE (03) 9388 0766

NB - THE INFORMATION ON THIS M.S.D.S. IS BASED ON OUR KNOWLEDGE OF THE PRODUCT AT THE TIME OF PUBLICATION, AND IS GIVEN IN GOOD FAITH. THE CONSEQUENCE RESULTING FROM ANY MISHANDLING OR MISUSE IS NOT THE RESPONSIBILITY OF ART SPECTRUM MANUFACTURING CO. PTY LTD.