

MATERIAL SAFETY DATA SHEET

NON HAZARDOUS BY CRITERIA OF WORKSAFE AUSTRALIA

Date of issue: 20-05-2004 Page 1 of 2 Pages

IDENTIFICATION

PRODUCT NAME: ORION MARK OUT STAIN

OTHER NAMES: LAY OUT STAIN

U.N. NUMBER: 1170 (Ethanol)

DANGEROUS GOODS PRIMARY RISK CLASS: 3.1

POISONS SCHEDULE: Exempt

Emergency Guide: EPG 3A1

CAS REGISTRY No.: 64-17-5 (Ethanol), 8004-87-3 (Dyestuff)

USE: To be used as a coloured coating on metals, making it possible to scratch easily visible pattern into the surface.

PHYSICAL DESCRIPTION/PROPERTIES:

The product is a purple coloured, water miscible liquid with the characteristic odour of ethanol. Most physical data are those of ethanol.

Boiling Point: 78.3 degrees C. Melting Point: -117.3 degrees C.

Flash Point: 13 degrees C (Abel closed cup)

Vapour Pressure: 58.1 mbar/20 degrees C.

Vapour Density (Air = 1): 1.59.

Specific Gravity (Water = 1): 0.80.

Percent Volatile: 80%.

Evaporation Rate (n-butyl acetate = 100): 253.

HAZARDOUS INGREDIENTS:

Ethanol 80%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED: Headache, dizziness, dullness, gastric disorders and symptoms of central nervous system depression.

EYE: May injure tissue, severely irritating.

SKIN: Moderately irritating to skin. Repeated and prolonged contact may lead to dermatitis.

INHALED: Moderately irritating to respiratory tract and mucous membranes. Chronic exposure to the vapour may result in headache and symptoms of central nervous system depression. Nasal and eye irritation may occur at concentrations in air well below the TLV.

Cont./.....

HEALTH HAZARD INFORMATION (CONT'D)

FIRST AID: SWALLOWED: Give plenty of water to drink. Induce vomiting in conscious person by giving syrup of Ipecac. Seek medical advice if necessary.

EYE: Irrigate with water for 10 minutes. Seek medical attention.

SKIN: Wash with water. Remove affected clothing.

INHALED: Remove to fresh air, rest patient and seek medical advice if necessary. Give artificial respiration if breathing stops.

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

EXPOSURE LIMITS: TLV - 1000 ppm (1900 mg per cubic metre)(MRC 1980)

VENTILATION: Local flameproof exhaust required.

PERSONAL PROTECTION: Wear PVC or rubber gloves and chemical safety goggles.

FLAMMABILITY: Flammable, Flash Point: 13 degrees C (Abel closed cup)

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

STORAGE AND TRANSPORT:

Store with all the precautions required for handling a flammable liquid. Do not store near oxidising agents.

SPILLS AND DISPOSAL:

Eliminate all sources of ignition. Contain spill for salvage or absorb in inert absorbent material. Wash with water and ventilate area well. Incinerate under controlled conditions if permitted by local authorities.

FIRE/EXPLOSION HAZARD:

Flash Point: 13 degrees C (Abel closed cup)

Flammable Limits In Air, %v/v at 20 degrees C: Lower=3.5%, Upper=19%.

Extinguishing Media: Use water, dry chemical, carbon dioxide or BCF.

C O N T A C T P O I N T S

ORGANISATION LOCATION TELEPHONE ASK FOR

Ferro. Finishing P/L. Riverwood NSW (02) 9534 1155 Technical Officer

Poisons Information Centre 131126

Fire Brigade 000 Fire Brigade

Police 000 Police

This MSDS should be made available to every person who has to work with this product.