

MATERIAL SAFETY DATA SHEET

Date of Issue: 13 April 2008

Product Name: SPA-N-DECK

STATEMENT OF HAZARDOUS NATURE:

(NOT) HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

Section 1 - Identification of the Material and Supplier

COMPANY DETAILS: The Flood Company Australia P/L
 ACN 92 003 024 600
 4 Nelson Avenue Padstow NSW 2211
 Ph: 02 9790 5158, 1800 226-113
 Fax: 02 9709-2604
 A/H 02 9826-6929

PRODUCT:

Product Name: SPA-N-DECK- Natural, Redwood, Sedona, Cedar, Merbau/Kwila, Jarrah**Other Names:** Not Applicable**Manufacturer's Product Code:** Not applicable**Use:** Acrylic Exterior Wood Finish

Section 2 - Hazards Identification

This product is not a dangerous good

UN Number: Not Applicable

Dangerous Goods Class and Subsidiary Risk: DOT class not regulated. Not a dangerous good according to the Australian Dangerous Goods Code

Hazchem Code: Not Applicable

Poisons Schedule Number: Not applicable

Hazard rating: Health 1 Fire 0 Reactivity

Section 3 - Composition/Information on Ingredients

INGREDIENT(S) Chemical Name Common Name	PERCENT	OCCUPATIONAL EXPOSURE LIMIT TLV PEL	VAPOR PRESSURE	LD50 ORAL - RAT	LC50 IHL - RAT
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate Texanol CAS # 25265-77-4	< 5	None established	0.01 mmHG @ 25°C	3200 mg/kg	> 3.55 mg/l 6 hrs
Ethylene Glycol Ethylene Glycol CAS# 107-21-1	<5	50 ppm (ACGIH)	<0.05 mmHG @ 23°C	4700 mg/kg	N/A
Water/Inerts/Acrylic Polymer	> 75	N/A	N/A	N/A	N/A

Section 4 First Aid Measures

SKIN: Wash affected area with soap and water, flush with large amounts of water.**INHALATION:** Remove victim to fresh air. Seek medical attention if symptoms persist.**EYES:** Flush immediately with large amounts of clean cool water for at least 15 minutes. If irritation persists, get medical attention.**SWALLOWING:** If large amounts are swallowed or if irritation occurs, seek medical attention. Drink one or two glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IRRITATION PERSISTS CALL A DOCTOR

Advice to Doctor: Treat symptomatically

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Section 5 Fire Fighting Measures

FLASH POINT: > 200°F LEL: NOT ESTABLISHED

EXTINGUISHING MEDIA: (X) FOAM (X) CO2 (X) DRY CHEMICAL (X) WATER FOG

UPPER FLAMMABLE LIMIT: NOT AVAILABLE

LOWER FLAMMABLE LIMIT: NOT AVAILABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may burst if exposed to extreme heat or fire.**SPECIAL FIREFIGHTING PROCEDURES:** Normal fire fighting procedures may be used. Wear self-contained breathing apparatus and full protective gear

Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill and pick up with absorbent material.

Section 7 Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use. Store at room temperature, maximum recommended storage is 120 F. Do not freeze or store near source of heat.

Section 8 Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: None needed under normal conditions. If spray applying and/or vapors, mists or aerosols are generated, additional protection may be obtained by wearing a NIOSH/MSHA approved respirator.

VENTILATION: Use with adequate ventilation.

PROTECTIVE GLOVES: Impervious gloves, to minimize contact.

EYE PROTECTION: Goggles with side shields when spraying or where splashing is likely.

OTHER PROTECTIVE EQUIPMENT: None needed with normal use.

HYGIENIC PRACTICES: Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

OTHER PRECAUTIONS: It is always good industrial hygiene practice to minimize contact with eye and skin. Wash thoroughly with soap and water when finished.

Section 9 Physical and Chemical Properties

BOILING RANGE	200°F.
VAPOR DENSITY	LIGHTER THAN AIR
EVAPORATION RATE	SLOWER THAN ETHER
VOLATILE VOLUME	85.66%
WEIGHT/GALLON	1.03 Kg/L
PHYSICAL STATE	LIQUID
APPEARANCE & ODOR	COLOR DEPENDENT ON PIGMENT
ODOR THRESHOLD	NOT AVAILABLE
FREEZING POINT	30°F
pH	8.5 - 9.5
VOC CONTENT	(0.32 Kg/L)

Section 10 Stability and Reactivity

STABILITY: () UNSTABLE (X) STABLE

HAZARDOUS POLYMERIZATION: () MAY OCCUR (X) WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may generate carbon monoxide and carbon dioxide.

CONDITIONS TO AVOID: Temperatures above 190°F and below 40°F.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents.

Section 11 Toxicological Information

EFFECTS OF OVEREXPOSURE:

INHALATION: Short-term harmful effects are not expected from vapor. Prolonged exposure may lead to mild and temporary respiratory irritation.**SKIN:** May cause mild skin irritation.**EYE:** May cause mild eye irritation or discomfort.**INGESTION:** Swallowing large amounts may cause abdominal discomfort, nausea, vomiting. Ingesting large amounts of ethylene glycol causes liver and kidney damage.**None of the ingredients of this mixture is listed as a human carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).**

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Available toxicology information along with physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

PRIMARY ROUTE (S) OF ENTRY: (X) DERMAL () INHALATION (X) INGESTION (X) EYE

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Section 12 Ecological Information

There is no data available for the acrylic component of this product.

Ammonia, aqueous solution

Ecotoxicity effects

Toxicity to fish LC50 Oncorhynchus mykiss (rainbow trout) 24 h
0.097 mg/l

Toxicity to fish TLm Fathead minnow (Pimephales promelas) 96 h
8.2 mg/l

Ethylene Glycol

Environmental Fate

In the atmosphere ethylene glycol will be changed into other products in approximately one and a half days, or washed out by rain into the water or soil. In water and soil it degrades in several days to a week. The major degradation product is hydroxyacetaldehyde.

Environmental Transport

If spilled in water ethylene glycol will mix with the water. Ethylene glycol can also be dispersed by the wind.

Relative hazard to the environment

On an environmental spectrum of 0 - 3 Ethylene glycol (1,2-ethanediol) registers 0.8. A score of 3 represents a very high hazard to the environment and 0 a negligible hazard. Factors that are taken into account to obtain this ranking include the extent of the material's toxic or poisonous nature and/or its lack of toxicity, and the measure of its ability to remain active in the environment and whether it accumulates in living organisms. It does not take into exposure to the substance. Environmental exposure is reflected in the NPI rank for this substance (see comparative data below). A substance that scores highly as an environmental hazard is oxides of nitrogen at 3.0 and one of the lower scores is carbon monoxide at 0.8.



Ethylene glycol: 0.8

Environmental Hazard Rating

Section 13 Disposal Considerations

WASTE DISPOSAL METHOD: Dispose in accordance with applicable federal, state and local regulations.

Section 14 Transport Information

This product is not a dangerous good for transport

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Class and subsidiary risk(s): Not applicable

Hazchem Code: Not applicable

Section 15 Regulatory Information

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency

Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS # Chemical Name % by Weight

107-21-1 Ethylene Glycol < 5.0

Section 16 Other Information

Keep out of reach of children.

The above information is believed to be correct with respect to the formula used in manufacture of the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY. EXPRESSED OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION