

RAMSEY - BOARDWALK HIGH SOLIDS FLOOR FINISH 11/7/1996

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BOARDWALK HIGH SOLIDS FLOOR FINISH

Revised: 11/7/1996

Item Number:

3UT20, 3UT21, 3UT22

Mfg. Model Number:

BOARDWALK

3UT20, 3UT21, 3UT22

RAMSEY

MATERIAL SAFETY DATA SHEET

BOARDWALK HIGH SOLIDS FLOOR FINISH

DATE PREPARED: 11-05-96

DATE REVISED: 11-07-96

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: BOARDWALK HIGH SOLIDS FLOOR FINISH

MANUFACTURER:

THE RAMSEY COMPANY

RAMSEY TELEPHONE NUMBER: 800-421-2768

120 BARTLETT STREET

EMERGENCY TELEPHONE (24 HOURS): 800-228-5635

MARLBOROUGH, MA 01752-3065

EXT. 118

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT	OSHA PEL/STEL	ACGIH TLV/STEL
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WATER	7732-18-5	30-60	NE	NE
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ACRYLIC POLYMER	NA	10-30	NE	NE
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ETHANOL, 2-(2-METHOXY-				
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ETHOXY)-	111-77-3	1-5	NE	NE
PROPANOL, (2-METHOXY-				
METHYLETHOXY)-	34590-94-8	1-5	100 PPM (600 MG/M3)/150 PPM (900 MG/M3)	100 PPM (606 MG/M3)/150 PPM (909 MG/M3)
TRIBUTOXYETHYL PHOSPHATE	78-51-3	0.5-1.5	NE	NE
DIBUTYL PHTHALATE	84-74-2	0.1-1	5 MG/M3	5 MG/M3

NA - NOT APPLICABLE NE - NOT ESTABLISHED

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: SLIGHTLY OPAQUE, WHITE LIQUID. MILD ODOR. PRODUCT DOES NOT PRESENT A SIGNIFICANT IMMEDIATE CONCERN FOR EMERGENCY RESPONSE PERSONNEL.

POTENTIAL HEALTH EFFECTS (SEE SECTION 11 FOR TOXICOLOGICAL INFORMATION):
PRIMARY ROUTE(S) OF EXPOSURE: EYE (X) SKIN CONTACT (X) SKIN ABSORPTION ()
INHALATION () INGESTION (X)

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES: NON-IRRITATING TO THE EYES.

SKIN: NON-IRRITATING TO THE SKIN.

INGESTION: MAY CAUSE MOUTH, THROAT AND STOMACH IRRITATION. SYMPTOMS MAY INCLUDE NAUSEA.

INHALATION: NOT EXPECTED TO BE IRRITATING OR HARMFUL IF INHALED.

EFFECTS OF CHRONIC EXPOSURE: PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN

4. FIRST AID MEASURES

EYES: FLUSH EYES WITH PLENTY OF WATER WHILE HOLDING EYELIDS APART. AFTER INITIAL FLUSHING, REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST

15 MINUTES. DO NOT PUT ANY MEDICATION IN THE VICTIM'S EYES UNLESS
INSTRUCTED
BY A PHYSICIAN. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SKIN: FLUSH WITH WATER, THEN WASH WITH SOAP AND WATER. REMOVE
SATURATED
CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER. GET
MEDICAL ATTENTION.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS
PERSIST.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >200F 93C TCC

FLAMMABLE LIMITS: NOT APPLICABLE

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

EXTINGUISHING MEDIA: USE EXTINGUISHING MEDIA APPROPRIATE FOR
SURROUNDING FIRE.

HAZARDOUS COMBUSTION PRODUCTS: NORMAL PRODUCTS OF COMBUSTION
(CARBON MONOXIDE
AND CARBON DIOXIDE).

FIRE AND EXPLOSION HAZARDS: NONE KNOWN

FIRE FIGHTING INSTRUCTIONS: THIS PRODUCT IS NOT FLAMMABLE. AS IN ANY FIRE,
MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL
PROTECTIVE GEAR SHOULD BE WORN.

6. ACCIDENTAL RELEASE MEASURES

SEE SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION AND SECTION 3,
HAZARD

IDENTIFICATION. FLOORS MAY BE SLIPPERY. USE CARE TO AVOID FALLING.
CONTAIN AND ISOLATE SPILL. PREVENT FROM ENTERING SEWERS AND WATERWAYS.
KEEP
NON-ESSENTIAL PERSONNEL FROM ENTERING SPILL AREA. USE MOP, ABSORBENT, OR
WET
VACUUM TO COLLECT MATERIAL FOR PROPER DISPOSAL. RINSE AREA WITH WATER.

7. HANDLING AND STORAGE

HANDLING: FOLLOW LABEL USE DIRECTIONS. DO NOT MIX WITH OTHER CHEMICALS UNLESS INSTRUCTED BY LABEL DIRECTIONS. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. REMOVE SATURATED CLOTHING. WASH CLOTHING AND EQUIPMENT BEFORE REUSE.

STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: GENERAL ROOM VENTILATION IS EXPECTED TO BE ADEQUATE.

PERSONAL PROTECTION:

EYE: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

SKIN: WHERE PROLONGED OR REPEATED CONTACT IS POSSIBLE, CHEMICAL-RESISTANT

CLOTHING (E.G., GLOVES) IS RECOMMENDED.

RESPIRATORY: NO RESPIRATORY PROTECTION IS REQUIRED IF VENTILATION IS ADEQUATE.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

ODOR: MILD

APPEARANCE: SLIGHTLY OPAQUE, WHITE

PH: 8

PERCENT VOLATILE BY WEIGHT: 80

VAPOR PRESSURE: NOT DETERMINED

VAPOR DENSITY: NOT DETERMINED

BOILING POINT: NOT DETERMINED

FREEZING/MELTING POINT: NOT DETERMINED

SOLUBILITY IN WATER: DISPERSIBLE

EVAPORATION RATE: NOT DETERMINED

SPECIFIC GRAVITY: 1.02

VISCOSITY: WATER THIN

OCTANOL/WATER PARTITION COEFFICIENT: NOT DETERMINED

ODOR THRESHOLD: NOT DETERMINED

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): STABLE

POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION: NONE

INCOMPATIBLE MATERIALS: NONE KNOWN

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: BASED ON TESTING OF SIMILAR PRODUCTS, THIS PRODUCT IS NON-IRRITATING TO SKIN AND EYES. THE FOLLOWING DATA ARE AVAILABLE FOR PRODUCT INGREDIENTS.

PRODUCT/INGREDIENT	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LC50 (RAT)
WATER	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
ACRYLIC POLYMER	5000 MG/KG	NOT AVAILABLE	NOT AVAILABLE
ETHANOL, 2-(2-METHOXY-			
ETHOXY)-	5500 MG/KG	6540 MG/KG	200 MG/L (1-HR)
PROPANOL, (2-METHOXYMETHYL-			
ETHOXY)-	5135 MG/KG	9500 MG/KG	NOT AVAILABLE
TRIBUTOXYETHYL PHOSPHATE	>3000 MG/KG	10000 MG/KG	>20 MG/L (1-HR)
DIBUTYL PHTHALATE	8000 MG/KG	>20000 MG/KG	NOT AVAILABLE

SENSITIZATION DATA: NO DATA AVAILABLE

CHRONIC DATA: PROLONGED OVEREXPOSURE TO PROPANOL, 2-METHOXYMETHYLETHOXY- BY

INHALATION HAS CAUSED MINOR LIVER EFFECTS IN LABORATORY ANIMALS;
OVEREXPOSURE

BY DERMAL ABSORPTION HAS ALSO CAUSED MINOR KIDNEY EFFECTS IN LABORATORY ANIMALS.

REPRODUCTIVE/TERATOGENIC DATA: PROLONGED DERMAL EXPOSURE TO ETHANOL, 2-(2-METHOXYETHOXY)- HAS CAUSED SLIGHT FETOTOXICITY (DELAYED DEVELOPMENT) IN LABORATORY ANIMALS; PROLONGED OVEREXPOSURE BY INGESTION HAS CAUSED TERATOGENIC EFFECTS IN LABORATORY ANIMALS. PROLONGED OVEREXPOSURE TO DIBUTYL

PHTHALATE BY
INGESTION HAS CAUSED REPRODUCTIVE AND TERATOGENIC EFFECTS IN LABORATORY ANIMALS.

CARCINOGENIC/MUTAGENIC DATA: NOT LISTED AS CARCINOGENIC BY NTP, IARC, OR ACGIH OR REGULATED AS A CARCINOGEN BY OSHA.

SYNERGISTIC MATERIALS: NO DATA AVAILABLE

12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF THIS MATERIAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE OR PROVINCIAL AND FEDERAL REGULATIONS. THE UNUSED PRODUCT, AS MANUFACTURED, IS A RCRA NON-HAZARDOUS WASTE IN ACCORDANCE WITH 40 CFR 261. THE PRODUCT HAS NOT BEEN EVALUATED BY THE TOXICITY CHARACTERISTIC LEACHATE PROCEDURE (TCLP). ACCORDING TO RCRA, IT IS THE RESPONSIBILITY OF THE WASTE GENERATOR TO ENSURE PROPER DISPOSAL.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: NOT REGULATED

15. REGULATORY INFORMATION

NOT MEANT TO BE ALL-INCLUSIVE -- SELECTED REGULATIONS REPRESENTED.

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
311/312 HAZARD CATEGORIES: UNDER 40 CFR 370.2, THIS PRODUCT MEETS THE FOLLOWING HAZARD CATEGORY: DELAYED.

313 REPORTABLE INGREDIENTS: DIBUTYL PHTHALATE IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT):

CERCLA REGULATORY: THIS PRODUCT CONTAINS DIBUTYL PHTHALATE. IF 286 GALLONS OF TOTAL PRODUCT ARE RELEASED, NOTIFICATION TO THE NATIONAL RESPONSE CENTER (1-800-424-8802) IS REQUIRED.

TSCA (TOXIC SUBSTANCE CONTROL ACT):

TSCA STATUS: THIS PRODUCT COMPLIES WITH ALL TSCA INVENTORY REQUIREMENTS.

CANADA:

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
CLASS D-DIVISION 2A; REPRODUCTIVE AND TERATOGENIC EFFECTS. THIS PRODUCT HAS
BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN
CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL THE
INFORMATION REQUIRED BY THE CPR.

16. OTHER INFORMATION

HMIS RATING:

HEALTH * 0

NFPA RATING:

FIRE

FLAMMABILITY 0

0

REACTIVITY 0

HEALTH 0 REACTIVITY

PERSONAL PROTECTION -

-

SPECIAL

MSDS STATUS: NEW MSDS

APPROVED BY: EH&S/REGULATORY AFFAIRS

APPROVAL DATE: 11-07-96

THE INFORMATION ON THIS DATA SHEET REPRESENTS OUR CURRENT DATA AND BEST OPINION AS TO THE PROPER USE IN HANDLING OF THE PRODUCT UNDER NORMAL FORESEEABLE CONDITIONS. ANY USE OF THIS PRODUCT WHICH IS NOT IN CONFORMANCE

WITH THIS DATA SHEET OR PRODUCT LABEL, OR WHICH INVOLVES USING THE PRODUCT IN

COMBINATION WITH ANY OTHER PRODUCT OR ANY OTHER PROCESS IS THE RESPONSIBILITY

OF THE USER.

MSDS NO: 6077