

12FP0031

MATERIAL SAFETY DATA SHEET

WATERTHANE 941 B941

DATE: 12/27/00
SUPERSEDES: 5/25/00

HAZARD RATINGS (0-4)

FIRE 0 REACTIVITY 0
TOXICITY 1 SPECIAL

SUPPLIER:

MIDLAND CHICAGO COMPANY
5300 W. 127TH STREET, ALSIP, IL 60803
(708) 389-6600FOR EMERGENCY
CALL INFOTRAC
1-800-535-5053

BRAND

MAGEE

TRADE NAME:

WATERTHANE 941 B941

PRODUCT TYPE:

WATER-BASED WOOD FLOOR COATING

CHEMICAL FORMULA:

MIXTURE

CHEMICAL NAME:

AQUEOUS URETHANE FINISH

COMPONENT LIST - SECTION I

COMPONENT

AQUEOUS URETHANE EMULSION

N-METHYL-2-PYRROLIDONE*

DIETHYLENE GLYCOL BUTYL ETHER*

CAS

REG.

NON HAZ

872-50-4

112-34-5

%

70-80

4-7

1-5

TWA

OSHA

N/E

N/E

N/E

TWA

ACGIH

N/E

N/E

N/E

*This item is subject to reporting requirements under SARA III, Section 313.

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: COLORLESS TRANSLUCENT LIQUID WITH SLIGHT AMINE ODOR

pH: 9.0

VISCOSITY: 25.0

FREEZING POINT: 32°F

BOILING POINT: 212°F

VAPOR PRESSURE: < 25 mm

VAPOR DENSITY: < 1

SOLUBILITY IN WATER: DILUTABLE

VOLATILE (% WT): 75

SPECIFIC GRAVITY: 1.04

EVAPORATION RATE: < 1

VOC: 402 g/l

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: > 200°F

LOWER EXPLOSION LIMIT: N/E

UPPER EXPLOSION LIMIT: N/E

AUTO IGNITION TEMP: N/E

EXTINGUISHING MEDIUM: WATER SPRAY FOR DRIED FILM

SPECIAL FIRE FIGHTING PROCEDURES:

CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY RUPTURE DUE TO PRESSURE BUILD-UP.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

PRODUCT MAY SPATTER WHEN TEMPERATURE EXCEEDS BOILING POINT. POLYMER FILM CAN BURN.

HEALTH HAZARDS - SECTION IV

THRESHOLD LIMIT VALUES: NONE ESTABLISHED

PRIMARY ROUTES OF EXPOSURE: EYE, SKIN

CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS: NONE

EFFECTS OF OVEREXPOSURE:

IF IN EYES - SUBSTANTIALLY IRRITATING TO EYES.

IF ON SKIN - SLIGHTLY IRRITATING TO SKIN.

IF INHALED - VAPOR OR MIST CAN IRRITATE NOSE AND THROAT AND CAUSE DIZZINESS OR NAUSEA.

WATERTHANE 941 B941 – PAGE 2**EMERGENCY AND FIRST AID PROCEDURES:**

EYE CONTACT: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR. CONSULT A PHYSICIAN IF RESPIRATORY DISTRESS IS NOT RELIEVED BY FRESH AIR.

IF SWALLOWED: GIVE 2 GLASSES OF WATER TO DRINK. SEE A DOCTOR IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

REACTIVITY – SECTION V

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE AND POSSIBLY OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID): CONTAMINATION WITH STRONG ACIDS CAN CAUSE COAGULATION.

SPILLS OR LEAK PROCEDURE – SECTION VI

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

FOR SMALL SPILLS: WIPE UP AND RINSE SPILL AREA.

FOR LARGE SPILLS:

HALT SPILL AT SOURCE IF POSSIBLE; COLLECT SPILLS WITH ABSORBANT MATERIAL; REMOVE CONTAMINATED ABSORBANT TO SUITABLE CONTAINERS; HOLD FOR PROPER DISPOSAL. FLUSH SPILL AREA WITH WATER TO REMOVE ANY RESIDUE.

WASTE DISPOSAL METHODS:

INCINERATE AT APPROVED WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SPECIAL PROTECTION – SECTION VII

VENTILATION TYPE: LOCAL EXHAUST

RESPIRATORY PROTECTION:

NON REQUIRED AS PRODUCT IS NORMALLY USED. IF HIGH CONCENTRATIONS OF SPRAY OR MIST ARE GENERATED, USE APPROVED NIOSH/MSHA RESPIRATOR.

PROTECTIVE GLOVES: NEOPRENE

EYE PROTECTION: SPLASH GOGGLES

OTHER PROTECTIVE EQUIPMENT: N/A

STORAGE AND HANDLING – SECTION VIII

STORE BETWEEN 40-110°F. PROTECT FROM FREEZING. KEEP AWAY FROM FIRE AND OPEN FLAME. DO NOT LEAVE CONTAINERS OPEN.

SHIPPING – SECTION IX

PROPER SHIPPING NAME: BUFFING OR POLISHING COMPOUND, NOI

U.S. DOT HAZARD CLASS:

LABEL REQUIREMENTS:

MISCELLANEOUS – SECTION X

ABBREVIATIONS:

N/A: NOT APPLICABLE

UNK: UNKNOWN

N/D: NOT DETERMINED

< : LESS THAN

N/E: NOT ESTABLISHED

> : GREATER THAN

PREPARED BY: THOMAS H. JONES, TECHNICAL DIRECTOR