



MATERIAL SAFETY DATA SHEET

WATERTHANE 550

MSDS Ref. No: 7074
Date Prepared: 03/26/2002
Date Revised: 10/08/2002

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: WATERTHANE 550

MANUFACTURER

Magee
67 Forest Street
Marlborough, MA 01752

Telephone Number: 1-800-786-2433
Emergency Telephone (24 hours): 1-800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT(S)</u>	<u>CAS#</u>	<u>% BY WEIGHT</u>
Polymer	NA	25 - 40
N-Methyl-2-pyrrolidone	872-50-4	7 - 10
Diethylene glycol monobutyl ether	112-34-5	3 - 5

See Section 8 for Exposure Limits NA - Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Opaque, Tan Liquid . Mild, Solvent Odor. May Cause Eye Irritation.

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE: Eye Skin Contact Skin Absorption
 Inhalation Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES: May cause eye irritation. Symptoms may include redness and pain.

SKIN: May cause mild skin irritation. Symptoms may include redness.

INHALATION: High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing.

INGESTION: May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

EFFECTS OF CHRONIC EXPOSURE: Prolonged or repeated contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

MEDICAL CONDITIONS AGGRAVATED: May aggravate pre-existing eye, skin and respiratory conditions.

4. FIRST AID MEASURES

WATERTHANE 550

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.

SKIN: Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

INHALATION: Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

INGESTION: Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: > (200°F)

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: Product may spatter when temperature exceeds boiling point. Polymer film can burn.

FIRE FIGHTING INSTRUCTIONS: Evacuate area. Containers of this material may build up pressure if exposed to heat. Use water spray to cool fire-exposed containers. MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

AUTOIGNITION TEMPERATURE: Not Applicable.

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. Ventilate spill area. Contain and isolate spill. 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 eyes and skin. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

STORAGE: Keep container closed when not in use. Keep from freezing. Store away from incompatible materials. (See Section 10, Stability and Reactivity).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE: Where eye contact is possible, wear safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

SKIN: Where skin contact is possible, butyl rubber or neoprene gloves should be worn.

RESPIRATORY: No respiratory protection is required if general room ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits are exceeded, use appropriate respiratory protection (NIOSH/MSHA) to prevent overexposure.

ENGINEERING CONTROLS: Good general room ventilation is expected to be adequate. Local exhaust ventilation (e.g., fans) may be necessary when general ventilation does not keep airborne concentrations below exposure limits. The American Industrial Hygiene Association (AIHA) have established a workplace exposure level of 10ppm (TWA) for n-methyl-2-pyrrolidone.

EXPOSURE LIMITS:

INGREDIENT(S)

Polymer

N-Methyl-2-pyrrolidone

Diethylene glycol monobutyl ether

OSHA PEL/STEL

NA

NA

NA

ACGIH TLV/STEL

NA

NA

NA

WATERTHANE 550

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild, Solvent
APPEARANCE: Opaque, Tan
pH: 7.5 to 8.5
PERCENT VOLATILE BY WEIGHT: 75
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: 212°C (100°F)
FREEZING/MELTING POINT: Not Available
SOLUBILITY IN WATER: Dispersible
SPECIFIC GRAVITY: 1.06
(VOC): 386 g/l
OCTANOL/WATER PARTITION COEFFICIENT: Not Available
ODOR THRESHOLD: Not Available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable.
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: None known.
INCOMPATIBLE MATERIALS: Strong acids (e.g., hydrochloric).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: No data is available for this product. The following data are available for product ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
Polymer	Not Available	Not Available	Not Available
N-Methyl-2-pyrrolidone	3914 - mg/kg	2200 - 4000 mg/kg	5100 - mg/m ³ (4-hr)
Diethylene glycol monobutyl ether	5660 - mg/kg	4120 - mg/kg	Not Available

SENSITIZATION DATA: No data available.

CHRONIC DATA:

No data available.

REPRODUCTIVE/TERATOGENIC DATA: Prolonged overexposure to high concentrations of n-methyl-2-pyrrolidone by inhalation, ingestion or by the dermal route 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.

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

WATERTHANE 550

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 categories: Immediate, Delayed.

313 REPORTABLE INGREDIENTS: n-Methyl-2-pyrrolidinone 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: Not reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

CALIFORNIA PROPOSITION 65: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

INGREDIENT(S)

Water

Polymer

N-Methyl-2-pyrrolidone

Diethylene glycol monobutyl ether

NA - Not Applicable

CAS NO.

7732-18-5

NA

872-50-4

112-34-5

STATE LISTING

Not Listed

Not Listed

MA, PA

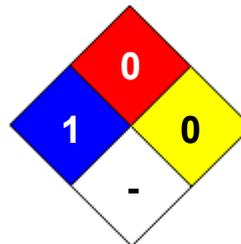
Not Listed

16. OTHER INFORMATION

HMIS RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	-

NFPA CODES:



APPROVED BY: Product Safety & Regulatory

MSDS STATUS

Revision No: New MSDS

New MSDS

APPROVAL DATE: 10/08/2002