

MATERIAL SAFETY DATA SHEET

NobleBond EXT

MSDS DATE: 8/01/08

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NobleBond EXT
SYNONYMS:

SUPPLIER: THE NOBLE COMPANY
ADDRESS: 7300 Enterprise Drive; Spring Lake, MI 49456

EMERGENCY PHONE: (231) 799-8000
OTHER CALLS: (231) 799-8000
FAX PHONE: (231) 799-8850

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Latex adhesive

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>ACGIH-TLV</u>	<u>OSHA PEL</u>
Water	7732-18-5	20-30%	N/A	N/A
Latex polymer	9003-52-5	15-25%	N/D	N/D
Inert fillers	14808-60-7; 1332-58-7	30-45%		
Process oil	64742-52-5	15-20%	N/D	N/D
Tackifier rosin ester	8050-26-8	15-20%	N/D	N/D

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Skin, nose, mouth & eyes.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH HAZARDS:

SKIN: Avoid skin contact. Can cause skin irritation. Symptoms may include redness and burning of the skin, or rash.

EYES: Avoid eye contact. Can cause mild to severe eye irritation. Symptoms include stinging, tearing, redness and swelling of the eyes.

INGESTION: Do not swallow. Swallowing may be harmful. Symptoms may include severe stomach and intestinal irritation (nausea, vomiting, diarrhea).

INHALATION: Breathing of vapors may cause irritation of nose and throat.

CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY

OSHA: NO

ACGIH: N/D

NTP: NO

IARC: NO

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for 15 minutes. Seek medical attention if irritation persists.

SKIN: Wash area of contact thoroughly with soap and water. Launder contaminated clothing before reuse.

INGESTION: DO NOT induce vomiting. Keep person warm, quiet and seek medical attention. DO NOT make an unconscious person vomit. Monitor for breathing difficulty.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NobleBond EXT cont.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: **UPPER:** nonflammable **LOWER:** nonflammable

FLASH POINT: >212° F **METHOD USED:** ASTM D-93
NFPA HAZARD CLASSIFICATION: **HEALTH:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0

EXTINGUISHING MEDIA: CO₂, Dry chemical, water

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Nonflammable aqueous form.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Cover small spills using inert absorbent, then sweep up and place in a waste disposal container.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store at 40-110°F as recommended. Provide adequate ventilation in the workplace. Keep containers closed and properly stored.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : General mechanical.

RESPIRATORY PROTECTION: None required with adequate ventilation.

EYE PROTECTION: Chemical resistant splash goggles in compliance with OSHA regulations.

SKIN PROTECTION: Wear impervious gloves. Neoprene rubber recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Maintain an eyewash facility in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: viscous latex emulsion, mild characteristic odor **BOILING POINT:** 212°F

VAPOR PRESSURE (mmHg): same as water **VAPOR DENSITY (AIR = 1):** same as water **SOLUBILITY IN WATER:** insoluble

PERCENT VOLATILE BY VOL: 15-20% (water) **SPECIFIC GRAVITY (H₂O=1):** 1.15 **EVAPORATION RATE (Ether=1):** same as water

VOC CONTENT: 0 (0grams/liter) **pH :** 8.0-9.0

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): None known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/D

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/D

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: It is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. As a waste, this product can be treated to meet local sanitary district standards. Dispose of in accordance with all applicable state, federal, and local regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not regulated.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

313 REPORTABLE INGREDIENTS: NONE

CALIFORNIA PROPOSITION 65: This product does not contain components listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification.

PREPARATION INFORMATION: The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all-inclusive, and the manner and conditions of use and handling may involve other or additional considerations. Consult *The Noble Company* for further information.

DISCLAIMER: The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the material.

This MSDS was prepared and is to be used only for this material. If the material is used as a component in another material, this MSDS information may not be applicable. This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the material itself.