



Date of Preparation: 05/01/10

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Detail:
Trade Name: NOBLESEALANT 150

Manufacturer/Supplier:
Noble Company
7300 Enterprise Drive
Spring Lake, MI 49456
United States

Emergency Telephone Number: (231) 799-8000
Telephone Number for Information: (231) 799-8000

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 7 columns: Ingredient Name (Common Name(s)), CAS #, % WT, EINECS #, EU #, DOT #, TSCA. Rows include Toluene, Xylene, and N Propyl Acetate.

Occupational Exposure Limits table with 6 columns: Ingredient Name (Common Name(s)), STEL, PEL, TLV-C, STEL, TLV. Rows include Toluene, Xylene, and N Propyl Acetate.

All ingredients in this product are listed in the T.S.C.A. Inventory

ADDITIONAL INFORMATION:

Section 313 Supplier Notification: This product may contain 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

Caution: This product may become a dust nuisance when removed by sanding, abrading, or sandblasting. Dust masks should be worn during these operations.

THIS PRODUCT DOES NOT CONTAIN POLYCYCLIC ORGANIC MATERIAL

3. HAZARDS IDENTIFICATION

HMIS table with 4 columns: Ingredient Name (Common Name(s)), Health, Fire, Reactivity. Rows include Toluene, Xylene, and N Propyl Acetate.

PERMISSIBLE EXPOSURE LEVEL: Refer to Section 2

EFFECTS OF OVEREXPOSURE:

EYES: Can cause redness, irritation, swelling and blurred vision.

SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

BREATHING: Excessive inhalation of vapors and/or spray mist can cause respiratory irritation, dizziness, weakness, fatigue, nausea, headache, unconsciousness, and even asphyxiation.

SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

4. FIRST AID MEASURES	
EYES:	Flush with large amounts of water for 15 minutes. Lift eyelids occasionally, get prompt medical attention.
SKIN:	Wash thoroughly with soap and water, remove contaminated clothing promptly; wash clothing before reuse. Consult a physician if irritation persists.
SWALLOWING:	Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting must be made by a physician.
INHALATION:	Move affected person to fresh air. If breathing is difficult, administer oxygen. If breathing
5. FIRE FIGHTING MEASURES	
Flash Range	40 – 80 F. Tag Closed Cup.
Flammability Class	1B
Explosive Range	1.20% 7.90%
Extinguishing Media	Carbon Dioxide, dry chemical, foam, water fog. Use water for cooling material stored in vicinity of fire.
Special Fire Fighting Procedures	Use self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode. Wear protective clothing.
Unusual Fire and Explosion Hazards	Vapors are heavier than air and may travel along the ground to an ignition source some distance from material handling point. Ignition sources include pilot lights, smoking, heaters, electric motors, sparks from electrical switches, and static discharges.
Caution – Never use cutting torch on empty containers! Residual solvent vapor in empty container may explode. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.	
6. ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
SMALL SPILL:	Absorb liquid with rags, floor absorbent, vermiculite or other absorbent material. Dispose of according to state or local laws.
LARGE SPILL:	Eliminate all ignition sources – dike area of spill to prevent spreading – ventilate area if indoors – pump liquid into salvage tank – remaining liquid may be taken up with sand, floor absorbent or other absorbent material and shoveled into containers – prevent run-off to sewers and bodies of water – notify proper authorities as required by local, state, and federal regulations.
WASTE DISPOSAL METHOD:	Dispose of in accordance with federal, state, and local regulations.
7. HANDLING AND STORAGE	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	
Do not drop containers. Avoid heat, sparks, and open flame. Store large quantities only in buildings designed to comply with OSHA 1910.106. Never use pressure to empty. Avoid breathing sanding dust. Do not handle until the manufacturers safety precautions have been read and understood.	
Recommended Storage Methods:	Store below temperatures of 85 ^o F
Regulatory Requirements:	Follow applicable OSHA regulation (1910.106)

8. Exposure Controls/Personal Protection			
RESPIRATORY PROTECTION:		In outdoor or open areas with unrestricted ventilation approved chemical/mechanical filters designed to remove a combination of particulates and vapor.	
VENTILATION:		Provide sufficient ventilation in volume and pattern to keep air conditioning concentration below current applicable OSHA permissible exposure limit or ACGIH TLV limit, and volatiles below lower explosive limit. Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources (non-explosion proof equipment) should be eliminated if flammable mixtures will be encountered. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product. For baking finishes – vent vapors emitted on heating.	
PROTECTIVE GLOVES:		Wear resistant gloves such as nitrile rubber.	
EYE PROTECTION:		Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also permit other types of safety glasses. Consult your safety equipment supplier.	
OTHER PROTECTIVE EQUIPMENT:		Normal protective clothing. Wash contaminated clothing before reuse.	
9. Physical and Chemical Properties			
Form:	Thick Caulk	Melting Point	N/A
Appearance/Color	Light Blue	Vapor Density	Heavier than Air
pH Value	N/A	Evaporation Rate	2 times that of N-Butyl Acetate
Boiling Range	210-279 F	% Volatile by weight	22%
Specific Gravity	1.11044	VOC	91 grams/liter (calculated)
Vapor Pressure (mm Hg.)	25 @ 68F		
10. Stability and Reactivity			
STABILITY:		This product is stable.	
HAZARDOUS POLYMERIZATION:		Hazardous polymerization will not occur.	
INCOMPATIBILITY:		Avoid contact with strong oxidizers (e.g. nitric acid)	
CONDITIONS TO AVOID:		Keep away from heat and open flame.	
HAZARDOUS DECOMPOSITION PRODUCTS:		May form carbon monoxide and dioxide, various hydrocarbons, etc.	
11. Toxicological Information			
The acute effects of this product have not been tested. Data on individual components are tabulated below.			
Chemical	Oral LD₅₀	Demal LD₅₀	Inhalation LC₅₀
Toluene	636 mg/kg	14100 uL/kg	49 g/m ³ 4H
Propyl Acetate	6.64 g/kg	Not Available	8000 ppm 4H
Xylene	4.3 g/kg	>5 ml/kg	6350 ppm 4H
Limestone	6450 mg/kg	Not Available	Not Available
Titanium dioxide	> 25g/kg	> 10 g/kg	> 6.82 mg/kg 4H
Potential Health Effects			
EYES: Can cause redness, irritation, swelling and blurred vision.			
SKIN: Prolonged or repeated contact may cause irritation, defatting, dermatitis. Not a known sensitizer.			
INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.			
INHALATION: Excessive or prolonged inhalation of vapors and/or spray mist can cause respiratory irritation, dizziness, weakness, fatigue, nausea, headache, unconsciousness, and even asphyxiation.			
Chronic Effects / Carcinogenicity - The effects of long term exposures have not been fully studied. Follow the recommended personal protection equipment guidance in section 8.			

12. Ecological Information

The dangers, if any, to the environment have not been determined.

13. Disposal Considerations

Flammable liquid. Consult local regulations. Controlled incineration is recommended for disposal of unused product. Prevent contamination of soil, drains, and surface waters. Emptied containers contain solvent vapors and are hazardous with respect to fire, explosion and noxiousness. Dispose of large containers to a licensed reconditioner. Dispose of small containers in compliance with local regulations.

14. Transport Information

DOT (USA): Ground shipments within the United States are shipped as Consumer Commodity ORM-D
Standard ground shipments from US to Canada are shipped as Consumer Commodity ORM-D
Ground shipments to Alaska, Hawaii and Puerto Rico must be shipped as Domestic Air

OCEAN SHIPMENTS: Ocean is shipped as UN1133, PG II, Adhesives, Class 3, Limited Quantity, packaged in accordance with section 3.4.7 of the IMDG Code

AIR SHIPMENTS (domestic): Domestic Air shipments are shipped as Consumer Commodity, ORM-D

AIR SHIPMENTS (international): International Air shipments are shipped as ID8000, Class 9, Packaging Instr: 910 (Passenger)

15. Regulatory Information

SARA TITLE III SECTION 313:
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 of 40 CFR 372:

INGREDIENT NAME	CAS NUMBER	PERCENT
Toluene	108-88-3	2.37
Xylene	1330-20-7	1.00

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

SARA TITLE III SECTION 313:
Prop 65 Carcinogen
Prop 65 Teratogen
Prop 65 Both Carcinogen and Teratogen

16. Other 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. THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST. HAZARDS, TOXICITY, AND BEHAVIOR OF THE PRODUCTS MAY DIFFER WHEN USED WITH OTHER MATERIALS AND ARE DEPENDENT UPON THE MANUFACTURING CIRCUMSTANCES OR OTHER PROCESSES. SUCH HAZARDS, TOXICITY AND BEHAVIOR SHOULD BE DETERMINED BY THE USER AND MADE KNOWN TO HANDLERS, PROCESSORS AND END USERS.