



## NMT ELASTOMER SYSTEM - MATERIAL SAFETY DATA SHEET

### 10:1 Formulation

Application Note APE02

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HAZARDOUS RATING: HEALTH 1, FIRE 1, REACTIVITY 0

### SECTION 1 PRODUCT IDENTIFICATION

TRADE NAME: NMT ELASTOMER SYSTEM

CHEMICAL FAMILY:

OTHER PRODUCT INFORMATION: THIS INFORMATION APPLIES TO THE CURING AGENT OF THE TWO PART KIT, HANDLE FRESHLY MIXED ELASTOMER MATERIAL AS RECOMMENDED FOR THE CURING AGENT. AFTER CURING, THE PRODUCT IS NOT HAZARDOUS. ELASTOMER MATERIAL IS AVAILABLE IN VARIOUS COLORS. ALL COLORS ARE EQUALLY NON HAZARDOUS.

### SECTION 2 HAZARDOUS INGREDIENTS

<u>INGREDIENTS:</u>	WEIGHT:	CAS NO
DIMETHYL, METHYLHYDROGEN SILOXANE	10 - 30%	068037592

### SECTION 3 PHYSICAL PROPERTIES

SPECIFIC GRAVITY (AT 77 DEG F) 0.972  
VAPOR PRESSURE: LESS THAN 5 MM  
PERCENT VOLATILE BY WEIGHT (%): LESS THAN 5  
SOLUBILITY IN WATER (%): LESS THAN 0.1  
ODOR, APPEARANCE, COLOR: LITTLE ODOR, LIQUID, SOME COLOR

### SECTION 4 FIRE & EXPLOSION HAZARDS

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN  
EXTINGUISHING MEDIA: WATER, WATER FOG X CO2 X DRY CHEMICAL X FOAM X OTHER  
SPECIAL FIRE FIGHTING PROCEDURE: SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

### SECTION 5 EMERGENCY & FIRST AID PROCEDURES

EYES: FLUSH WITH WATER.  
SKIN: WIPE OFF AND FLUSH WITH WATER.  
INHALATION: NO FIRST AID SHOULD BE NEEDED.  
ORAL: NO FIRST AID SHOULD BE NEEDED.

## **SECTION 6 SYMPTOMS OF ACUTE OVER EXPOSURE**

EYE: DIRECT CONTACT MAY CAUSE TEMPORARY DISCOMFORT WITH MILD REDNESS AND DRYNESS SIMILAR TO WINDBURN.

SKIN: A SINGLE PROLONGED EXPOSURE (24 TO 48 HOURS) CAUSES NO KNOWN ADVERSE EFFECT.

INHALATION: NO IRRITATION TO EYES AND RESPIRATORY PASSAGES. NO INJURY IS LIKELY FROM RELATIVELY SHORT EXPOSURE OF LESS THAN 8 HOURS.

ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC. SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY CAUSE DIGESTIVE DISCOMFORT.

## **SECTION 7 REACTIVE DATA**

STABILITY: STABLE

INCOMPATIBILITY: OXIDIZING MATERIAL CAN CAUSE A REACTION.

CONDITIONS TO AVOID: WATER, ALCOHOLS, ACIDIC OR BASIC MATERIALS, AND MANY METALS OR METALLIC COMPOUNDS, WHEN IN CONTACT WITH PRODUCT, LIBERATE FLAMMABLE HYDROGEN GAS. WHICH CAN FORM EXPLOSIVE MIXTURES IN AIR.

HAZARDOUS DECOMPOSITION PRODUCTS: SILICON DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

## **SECTION 8 ROUTINE HANDLING PRECAUTION**

PROTECTIVE EQUIPMENT:

EYES: USE PROPER PROTECTION - SAFETY GLASSES, AS A MINIMUM.

SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

VENTILATION: LOCAL EXHAUST: NONE SHOULD BE NEEDED.

MECHANICAL (GENERAL): RECOMMENDED

STORING: STORE BELOW 90F/32C.

## **SECTION 9 SPILL, LEAK, DISPOSAL PROCEDURES**

USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

EYES: USE PROPER PROTECTION - SAFETY GLASSES, AS A MINIMUM.

SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

WASTE DISPOSAL METHOD: ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION SHOULD BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES.

REPORTING: PRODUCT CONTAINS NO INGREDIENT SUBJECT TO D.O.T OR E.P.A. CERCLA/SARA ENVIRONMENTAL RELEASE REPORTING REGULATIONS. PRODUCT IS AN OIL IN THE CONTEXT OF THE U.S. CLEAN WATER ACT. SPILLS TO U.S. SURFACE WATERS, OR TO WATERCOURSE OR SEWER LEADING TO U.S. SURFACE WATERS THAT CAUSE A VISIBLE SHEEN; MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.

## **SECTION 10 COMMENTS**

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE IN THE CONTEXT OF THE INTENDED USE.