

N-D INDUSTRIES INC -- ND VIBRA-TITE(R) FORMULA #3 TM -- 8030-00-163-5792

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Product Identification
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Product ID:ND VIBRA-TITE(R) FORMULA #3 TM

MSDS Date:01/08/1997

FSC:8030

NIIN:00-163-5792

Status Code:A

MSDS Number: CKZJY

=== Responsible Party ===

Company Name:N-D INDUSTRIES INC

Address:1893 BARRETT RD

City:TROY

State:MI

ZIP:48084

Country:US

Emergency Phone Num:(800)424-9300

Preparer's Na

me:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

CAGE:04866

=== Contractor Identification ===

Company Name:N-D INDUSTRIES INC

Address:1893 BARRETT RD

Box:City:TROY

State:MI

ZIP:48084

Country:US

CAGE:04866

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Composition/Information on Ingredients
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Ingred Name:ACRYLIC COPOLYMER

Minimum % Wt:15.

Maximum % Wt:20.

Ingred Name:ACRYLIC POLYMER

Minimum % Wt:12.

Maximum % Wt:18.

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

Minimum % Wt:60.

Maximum % Wt:65.

OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
Minumum % Wt:1.
Maxumum % Wt:2.
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:LONG TERM EXPOSURE OF HIGH

CONCENTRATIONS MAY LEAD TO CNS DEPRESSION.
Effects of Overexposure:EYE CONTACT: CAN CAUSE EYE IRRITATION. IF NOT
REMOVED PROMPTLY. MAY RESULT IN EYE DAMAGE. SKIN CONTACT: PROLONGED
CONTACT MAY CAUSE MODERATE SKIN IRRITATION AND DERMATITIS.
INHALATION: VAPORS CONCENTR ATIONS ABOVE EXPOSURE LEVELS ARE
IRRITATING TO THE RESPIRATORY TRACT. MAY CAUSE HEADACHES,
DIZZINESS, AND ARE AN ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS
SYSTEMS EFFECTS. INGESTION: SMALL AMOUNTS OF T
HIS MATERIAL
ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM
VOMITTING, MAY CAUSE BRONCHIOPNEUMONIA OR PULMONMARY EDEMA.

===== First Aid Measures =====

First Aid:EYE CONTACT: FLUSH EYES WITH GENEROUS AMOUNTS OF WATER FOR 15
MINUTES LIFTING UPPER AND LOWER EYELIDS OCCASIONALLY. GET MEDICAL
ATTENTION. SKIN CONTACT: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND
WATE R. REMOVE CONTAMINATED CLOTHING INCLUDING SHOES. LAUNDER
B

BEFORE USE. IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY DRINK TWO GLASSES OF WATER AND GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:=-4.C, 24.8F

-4C - -2C

Autoignition Temp:=460.C, 860.F

Lower Limits:1.8 @ 77F

Upper Limits:11.5

@ 77F

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICALS AND/OR FOAM.

Fire Fighting Procedures:WEAR A MSHA/NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

Unusual Fire/Explosion Hazard:VAPORS WILL CREEP ALONG FLOORS, STAIRS, AS WELL AS BY AIR CURRENTS. ANY SPARK, OPEN FLAME OR STRONG HEAT SOURCE WILL IGNITE VAPORS AND SOURCE. COMBUSTION YIELDS OXIDES OF CARBON.

===== Accidental Release Measures =====

Spill Release Procedures:IMMEDIATELY EXTINGUISH ALL SOURCES OF IGNITION UNTIL AREA IS FREE OF EXPLOSIVE HAZARD. ABSORB MATERIAL ON INERT FILTER AND PLACE IN A SEALED CONTAINER SUITABLE FOR DISPOSAL. PREVENT MATERIAL FROM ENTERING SEWERS, WATERCOURSES OR LOW AREAS.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID BREATHING PRODUCT VAPORS. KEEP PRODUCT AWAY FROM ALL SOURCES OF IGNITIONS, HEAT OR FLAME, KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE MATERIAL IN A COOL, DRY PLACE.

Other Precautions:CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS WHEN EMPTIED, SINCE THEY CONTAIN PRODUCT RESIDUE, OBSERVE ALL PRECAUTIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WORK IN A WELL VENTILATED AREA. FOR HIGH CONCENTRATIONS USE NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE

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Protective Gloves:USE LATEX GLOVES FOR MINOR CONTACT. USE RUBBER OR NEOPRENE FOR EXCESSIVE USE.

Eye Protection:WEAR NIOSH APPROVED SAFETY GLASSES WITH SIDESHIELDS OR CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING TO PREVENT REPEATED, PROLONGED SKIN CONTACT.

Work Hygienic Practices:PRATICE CAREFUL CHEMICAL HANDLING AND GOOD PERSONAL HYGIENE WHEN WORKING OUT WITH OUR PRODUCT. WASH HANDS AFTER USING THIS PRODUCT.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

Boiling Pt:=80.C, 176.F

Vapor Pres:83 MMHG AT 75

Vapor Density:2.49

Spec Gravity:.92 WATER =1

Evaporation Rate & Reference:6.31

Solubility in Water:16.32% @ 20C

Appearance and Odor:PINKISH ORANGE, VISCOUS LIQUID WITH NON-RESIDUAL, "SOLVENT-LIKE" ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH FOLLOWING: ACIDS, AMINES, BASES, OXIDIZING AGENTS,

HALOGENS AND MOLTEN SULFUR.

Stability Condition to Avoid:THIS MATERIAL IS CONSIDERED STABLE, HOWEVER, AVOID ALL SOURCES OF IGNITION, FIRE, HEAT ETC?

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.

===== Toxicological Information =====

Toxicological Information:ACRYLIC COPOLYMER: ORAL LD50- >5000 MG/KG (RAT), DERMAL LD50->3000 MG/KG (RABBIT). XYLENE: ORAL LD50- 4300 MG/KG (RAT), DERMAL LD50- 14100 MG/

KG (RABBIT), INHALATION- ORAL
LD50- 6700 PPM/4HR (RAT)

===== Disposal Considerations =====

Waste Disposal Methods:THIS MATERIAL WHEN DETERMINE TO BE A WASTE WILL BE A HAZARDOUS WASTE BY CHARACTERISTIC OF IGNITABILITY (D001) AND/OR CHARACTERISTIC OF TOXICITY (D035) ACCORDING TO CFR40. 261 SUBPART C.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMIC
ALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR 372: 78-93-3 METHY L ETHYL KETONE 69%, 1330-20-7 XYLENE 1.70%.

State Regulatory Information:THIS PRODUCT CONTAINS THE FOLLOWING MATERIALS THAT UNDER CALIFORNIA PROPOSITION 65 OF THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 ARE RECOGNIZED TO CAUSE CANCER OR REPRODUCTIVE TOXICITY. TOULUENE 108-88-3 .25%. IT IS ALSO A REPRODU
CTIVE TOXIN.

===== Other Information =====

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