

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: CKMCP

=== 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:CHEMICAL SAFTEY

Chemtec 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

RTECS #:TS1003232

Minimum % Wt:15.

Maximum % Wt:20.

Ingred Name:ACRYLIC POLYMER

RTECS #:TS1003232

Minimum % Wt:12.

Maximum % Wt:18.

Ingred Name:ETHYL METHYL KETONE

CAS:78-93-3

RTECS #:EL647

5000
Minumum % Wt:60.
Maxumum % Wt:65.
OSHA PEL:200 PPM
ACGIH TLV:200 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.
OSHA PEL:100 PPM
ACGIH TLV:100 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:EYE CONTACT: CAN CAUSE SEVERE EYE
IRRITATION, IF NOT REMOV
ED PROMPTLY. MAY RESULT IN PERMANENT EYE
DAMAGE. SKIN CONTACT: PROLONGED CONTACT MAY CAUSE MODERATE SKIN
IRRITATION AND DERMITITUS. INHALATION : VAPOR CONCENTRATIONS
ABOVEEXPOSURE LEVELS ARE IRRITATING TO THE RESPIRTORY TRACT. MAY
CAUSE HEADACHES, DIZZINESS, AND ARE AN ANESTHETIC AND MAY HAVE
OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: SMALL AMOUNTS OF
THIS MATERIAL ASPIRATED INTO THE RESPIRATORY SYSTEM DURING
INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMO
NIA OR
PULMONARY EDEMA. LONG TERM EXPOSURE AT HIGH CONCENTRATIONS MAY LE
AD TO CNS DEPRESSION.
Medical Cond Aggravated by Exposure:

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

First Aid:EYE CONTACT: FLUSH EYES WITH GENEROUS AMMOUNTS OF WATER FOR
15 MINITUES LIFTING BOTH UPPER AND LOWER EUELIDS OCCASIONALLY. GET
MEDICAL ATTENTION. SKIN CONTACT: THROUGHLY WASH EXPOSED AREA WITH
SOAP AN D WATER. REMOVE CONTAMINATED CLOTHING INCLUDING SHOES.
LAUNDER

BEFORE REUSE. 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: TOC

Flash Point: -2.C, 28.4F
-4C TCC, -2F TOC

Autoignition Temp: 460.C, 860.F

Autoignition Temp Text: 860F

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 NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS WITH 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, ETC. AS WELL AS BY AIR CURRENTS. ANY SPARK, OPEN FLAME OR STRONG HEAT SOURCE WILL IGNITE VAPORS AND A 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:

KEEP PRODUCT AWAY FROM ALL SOURCES OF IGNITION, 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 WELL VENTILATED AREA. FOR HIGH CONCENTRATIONS USE A NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE

REXPOSURE.

Ventilation:LOCAL EXHAUST

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

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

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

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

Supple
mental Safety and Health

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

Boiling Pt:=80.C, 176.F

B.P. Text:APPROX 80C

Vapor Pres:83 MMHG AT 75F

Vapor Density:2.49

Spec Gravity:0.92

Evaporation Rate & Reference:6.31

Solubility in Water:16.32% @ 20C

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

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

Stability Indicator/Materials to Avoid:YES

ACIDS, AMINES, BASE

S, OXIDIZING AGENTS, HALOGEN AND MOLTEN SULFER

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

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YEILD 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 (RABB

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

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

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

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

SARA Title III Information:METHYL ETHYL KETONE, XYLENE
State Regulatory Information:CALIFORNIA PR
OP 65: TOLUENE.

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

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