

R.T.VANDERBILT CO, INC (INDUSTRIAL MINERALS & CHEMICALS DIV) -- NORDEL HYDROCARBON RUBBER,1040 -- 6810-01-461-0766

===== Product Identification =====

Product ID:NORDEL HYDROCARBON RUBBER,1040

MSDS Date:11/11/1996

FSC:6810

NIIN:01-461-0766

Status Code:A

MSDS Number: CKJCL

=== Responsible Party ===

Company Name:R.T.VANDERBILT CO, INC (INDUSTRIAL MINERALS & CHEMICALS DIV)

Address:30 WINFIELD STRE

ET

Box:5150

City:NORWALK

State:CT

ZIP:06856

Country:US

Info Phone Num:203-853-1400

Emergency Phone Num:203-853-1400

CAGE:1N612

=== Contractor Identification ===

Company Name:R. T. VANDERBILT CO INC

Address:30 WINFIELD STREET

Box:5150

City:NORWALK

State:CT

ZIP:06855

Country:US

Phone:203-853-1400

CAGE:1N612

===== Composition/Information on Ingredients =====

Ingred Name:1,4-HEXADIENE, POLYMER WITH ETHENE AND 1-PROPENE; (EPDM RUBBER)

CAS:25038-37-3

Other REC Limits:PEL:5 MG/M

3 RDUST(M)
OSHA PEL:15 MG/M3 TDUST

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) >7,500 MG/KG.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PROLONGED OR REPEATED CONTACT MAY
CAUSE MILD SKIN IRRITATION IN SENSITIVE INDIVIDUALS. HOT POLYMER
CAUSES THERMAL BURNS. EXPOSURE LIMITS: FOR PRODUCT - USE STANDARD
FOR PARTICULATES, N.O.C. OSHA
PEL/T WA: 15 MG/ CU M (TOTAL DUST), 5
MG/CU M (RESPIRABLE DUST).
Explanation of Carcinogenicity:NONE.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:UNKNOWN.

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES REPEATED BY
HOLDING EYELIDS OPEN TO ENSURE PROPER IRRIGATION. SKIN: IF MOLTEN
POLYMER GETS ON SKIN, COOL RAPIDLY WITH COLD WATER. DO NOT ATTEMPT
TO PEEL POLYMER FR
OM SKIN. OBTAIN MEDICAL TREATMENT FOR THERMAL
BURNS. INHALATION: REMOVE TO FRESH AIR. KEEP WARM & QUIET. GIVE
ARTIFICIAL RESPIRATION IF NOT BREATHING. CONSULT MD. INGESTION:
SEEK MEDICAL ATT ENTION IMMEDIATELY.

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

Flash Point:>260.C, 500.F
Autoignition Temp:>300.C, 572.F
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT . REGULAR
PROCEDURES FOR RUBBER FIRES.
Unusual Fire/Explosion Hazard:NORDEL SOMETIMES CONTAINS LOWER MOLECULAR
WEIGHT COMPONENTS WHICH CAN VOLATILIZE & MAY IGNITE DURING
PROCESSING. MIXERS SHOULD BE VENTILATED & IGNITION SOURCES AVOIDED
TO ELIMINATE POSSIBILITY OF A FI RE. NFPA ID SYSTEM: HEALTH: 1,
FLAMMABILITY: 1, REACTIVITY: 0.

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

Spill Release Procedures:SWEEP UP SPILLAGE AND TRANSFER INTO A CLOSED
CONTAINER FOR DI

SPOSAL. RECOVER UNDAMAGED MATERIAL FOR REUSE AND RECLAMATION.

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

Handling and Storage Precautions:AVOID INHALING DUST OR FUMES. USE WITH ADEQUATE VENTILATION. STORE IN A WELL VENTILATED COOL PLACE. AVOID CONTACT WITH SKIN AND EYES.

Other Precautions:READ BULLETIN ND-110.1 ENTITLED "TOXICITY AND HANDLING GUIDELINES FOR NORDEL" BEFORE USING.

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

Respiratory Protection:NIOSH APPROVED RESPIRATORS SHOULD DUST OR FUMES BE GENERATED.

Ventilation:EFFECTIVE VENTILATION TO DRAW VAPOR OR FUMES AWAY FROM WORKERS TO PREVENT ROUTINE INHAL. LOCAL EXHAUST IS REC W/MINIMUM CAPTURE VELOCITY OF 100-150 PPM.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . IF THERE IS A POTENTIAL CONTACT WITH HOT/MOLTEN MATERIAL, WEAR HEAT RESISTANT

CLOTHING & FOOTWEAR.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FIRE & EXPLO HAZ: AUTO-OXIDATION TEMP: >190C,>374F.

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

HCC:T6

Spec Gravity:0.85-0.90 MG/M3 @ 25C

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER-GRAY PELLETS OR BALES'; SLIGHT AROMATIC ODOR.

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

Stability Indicator/Materials to Avoid:YES
NONE KNOWN.

Stability Condition to Avoid:AVOID TEMPERATURES ABOVE 290C. PROCESSING AT TEMPERATURES ABOVE 295C MAY PRODUCE IRRITANTS.

Hazardous Decomposition Products:OXIDES OF CARBON, HYDROCARBON OXIDATION PRODUCTS INCLUDING ORGANIC ACIDS, ALDEHYDES AND ALCOHOLS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:A HIGH VISCOSITY TYPE OF NORDEL HAS BEEN TESTED IN ORDER TO ASSESS THE ACUTE TOXICOLOGY.

IT IS EXPECTED THAT

ALL TYPES OF NORDEL HAVE SIMILAR LEVELS OF TOXICITY. SKIN IRRITATION: PATCH TESTS CONDUCTED ON RABBITS SHOWED NO SIGNS OF IRRITATION AFTER 24 HOURS CONTACT TIME. SKIN IRRITATION AND SENSITIZATION STUDIES ON HUMAN SUBJECTS SHOWED NO EVIDENCE OF IRRITATION AFTER 6 DAYS CONTACT TIME.

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

Waste Disposal Methods:NOT A RCRA HAZARDOUS WASTE. DISPOSE OF BY INCINERATION OR LANDFILL IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT CLASSIFICATION: NOT REGULATED.

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

SARA Title III Information:SARA TITLE III SECTION 313 INGREDIENTS: NONE.

Federal Regulatory Information:TSCA INVENTORY STATUS: LISTED.

State Regulatory Information:

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mation is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.