

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.

===== 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.

===== 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.

===== 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.

===== 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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