



M A T E R I A L S A F E T Y D A T A S H E E T

NBR 8300

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUBSTANCE: Acrylonitrile butadiene Copolymer Powdered Rubber
PLANT: Synthetic Rubber production
CAS NUMBER: 9003183 (for polymer)

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT: Acrylonitrile butadiene Copolymer/PVC Dispersion.
TRADE NAMES/SYNONYMS: NBR 8300 / NBR Powder
CHEMICAL FAMILY: Polyvinyl Chloride (PVC)
CAS NUMBER: 9002862
PERCENTAGE (%): 7.010.0 [ACGIH (TLVTWA):10mg/M3 T*, OSHA (PELTWA):5mg/M3 R *]
*) T: Total dust. R: Respiration dust.

SECTION 3 HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 04)

HEALTH	FIRE	REACTIVITY
1	1	0

Hazard Rating : 0=Insignificant, 1=Slight, 2=Moderate, 3=High, 4=Extreme

EMERGENCY OVERVIEW: If exposed to excessive heat or open flame, the product will burn.

CHANGE IN APPEARANCE: Powder
COLOUR: Light yellowish
PHYSICAL FORM: Flammable powder
ODOUR: NA
MAJOR HEALTH HAZARDS: NE

POTENTIAL HEALTH EFFECTS

INHALATION: NE
SHORT TERM EFFECTS: Inhalation of fine particulates may cause mild irritation of the respiratory tract. May Cause mild transient eye irritation.
LONG TERM EFFECTS: Repeated and prolonged inhalation of dust in excess of respirable dust levels may Lead to a benign pneumoconiosis

(dust in the lungs). This condition may cause some impairment of lung function which may be reversible with reduced exposure. Vinyl chloride Monomer is classified as a potential carcinogen by IARC, NPT and OSHA.

SKIN CONTACT:

SHORT TERM EFFECTS: NE

LONG TERM EFFECTS: NE

EYE CONTACT:

SHORT TERM EFFECTS: NE

LONG TERM EFFECTS: NE

INGESTION:

SHORT TERM EFFECTS: NE

LONG TERM EFFECTS: NE

CARCINOGEN STATUS:

OSHA: NE

NTP: NE

IARC: NE

NA: Not Applicable NE: Not Established

SECTION 4 FIRST AID MEASURES

INHALATION: NE

SKIN CONTACT: NE

EYE CONTACT: Flush with plenty of water. Particulates should be removed from the eyes by trained medical personnel.

INGESTION: NE

NOTE TO PHYSICIAN: NE

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: NA

AUTOIGNITION: NE

LOWER FLAMMABLE LIMIT: NA

UPPER FLAMMABLE LIMIT: NA

FLAMMABILITY CLASS (OSHA): NE

EXTINGUISHING MEDIA: Water, dry chemical, CO2, form.

FIREFIGHTING: During emergency conditions, overexposure to thermal decomposition products may cause a health hazard. An approved self-contained breathing apparatus should be worn.

HAZARDOUS COMBUSTION PRODUCTS: When exposed to flame, emits acrid fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Sweep, shovel, vacuum into container for disposal or reuse.

SECTION 7 HANDLING AND STORAGE

Keep away from excessive heat and open flame. Empty containers should not be reused unless thoroughly cleaned of product residues.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS:	NE
VENTILATION:	There should be enough fresh air flowing past the user to keep the exposure limits below those listed in composition/information on the components Section
EYE PROTECTION:	Safety glasses or goggles
CLOTHING:	NE
GLOVES:	NA: NE
RESPIRATOR:	Approved respiratory protection for airborne particulates should be worn if the dust levels exceed those shown in composition /information on the components section. For seetec powder with polyvinyl chloride as the partitioning agent: If the workplace residual monomer vapour concentration should exceed the exposure limits, use an approved air purifying organic vapour chemical cartridge respirator or an air supply respirator.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION:	Acrylonitrile Butadiene Copolymer Rubber
PHYSICAL STATE:	Powder
ODOUR:	NA
COLOUR:	Light Yellowish
MOLECULAR WEIGHT:	NE
MOLECULAR FORMULA:	NE
BOILING POINT:	NA
FREEZING POINT:	NE
VAPOUR PRESSURE:	NA
VAPOUR DENSITY (air=1):	NE
SPECIFIC GRAVITY (water=1):	NE
WATER SOLUBILITY:	Insoluble
p H :	NE
SOLVENT SOLUBILITY:	NE
VOLATILITY:	1.2max. %
SPECIFIC GRAVITY:	1.01.04
VAPOUR DENSITY:	NA
ODOUR THRESHOLD:	NE
EVAPOURATION RATE:	NE
VISCOSITY:	NE
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NE
SOLVENT SOLUBILITY:	NE

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY:	NE
CONDITIONS TO AVOID:	Material is stable
INCOMPATIBILITIES:	NE
ETHERS:	NE
HAZARDOUS DECOMPOSITION:	Normal hydrocarbon products expected: HCN, CO, CO ₂ , and HCl if PVC is partitioning agent..
POLYMERISATION:	NE

SECTION 11 TOXICOLOGICAL INFORMATION

IRRITATION DATA:	NE
TOXICITY DATA:	NE
CARCINOGEN STATUS:	NE
ACUTE TOXICITY LEVEL:	NE
TARGET EFFECTS:	NE
REPRODUCTIVE EFFECTS DATA:	NE
ECOTOXICITY DATA:	NE
FISH TOXICITY:	NE
INVERTEBRATE TOXICITY:	NE
AT INCREASED RISK FROM EXPOSURE:	NE
ALGAL TOXICITY:	NE
FATE AND TRANSPORT:	NE
ENVIRONMENTAL SUMMARY:	NE
HEALTH EFFECTS:	NE
INHALATION:	NE
NARCOTIC:	
ACUTE EXPOSURE:	NE
CHRONIC EXPOSURE:	NE
SKIN CONTACT:	
ACUTE EXPOSURE:	NE
CHRONIC EXPOSURE:	NE
EYE CONTACT:	
ACUTE EXPOSURE:	NE
CHRONIC EXPOSURE:	NE
INGESTION:	
ACUTE EXPOSURE:	NE
CHRONIC EXPOSURE:	NE

SECTION 12 ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (04):	NE
ACUTE AQUATIC TOXICITY:	NE
DEGRADABILITY:	NE

LOG BIOCONCENTRATION FACTOR (BCF): NE
LOG OCTANOL/WATER PARTITION COEFFICIENT: NE

SECTION 13 DISPOSAL CONSIDERATIONS

Incinerate or treat in accordance with applicable environmental control regulations. Recycle if possible based upon most recent process knowledge this product, as solid, would not be hazardous waste (it disposed) per 40CFR261.24.

SECTION 14 TRANSPORT INFORMATION

United State:	NE
Basic description:	NA
Freight description:	Rubber, Synthetic, Crude, Release Per NMFC Item 171800.
Primary hazard class:	NA
Subsidiary hazard class:	NA
Labels required:	NA
Reportable quantity:	NA

SECTION 15 REGULATORY INFORMATION

The component of this mixture are included in the US EPA Toxic Substance Control Act(TSCA) "Chemical Substance Inventory" and the Canadian "Domestic Substance List"

This product does not contain a SARA S313

Toxic chemical above the de minimis thresholds.

Vinyl chloride is regulated by OSHA Standard 29 CFR Part 1910.1017

SECTION 16 OTHER INFORMATION

The partitioning agents (powder) are considered hazardous as defined by the OSHA Hazard Communication

Standard CFR Title 29 part 1910.1200. This product (including the partitioning agents) is not defined as a controlled product by the WHMIS Canadian legislation.