



CHEIL INDUSTRIES

STAREX

MATERIAL SAFETY DATA SHEET

SECTION 1 - Product Description

Manufacturer Name: CHEIL INDUSTRIES INC.

Emergency Telephone NO.: 82-343-54-5006

Address - R & D Center, Chemicals Division, CHEIL
INDUSTRIES INC. 332-20 Gochun-Dong, Euiwang-Shi,
Kyoungki-Do, Korea

Grade Name: STAREX SAN

Chemical Name and Synonyms: ACRYLONITRILE STYRENE

SECTION 2 - Physical Data

Boiling Point I (°C): Not Applicable

Vapor Pressure (mmHg): Not Applicable

Solubility in Water: Not Soluble

Appearance and Odor: Solid and No Odor

Specific Gravity (Water = 1): 1.04

Section 3 - Ingredients

Acrylonitrile Styrene (SAN): 99%

Substances listed in the section are chemicals which concentration is more than 1.0% or 0.1% if the substance is on the list of potential carcinogens cited in OSHA Hazard Communication Standard.

SECTION 4 - Fire and Explosion Hazard Data

Flash Point: Not Applicable

Extinguish Media: Water, CO₂, Dry Chemicals

Unusual Fire and Explosion Hazards - Dense black smoke can
liberate if burned without
oxygen.

Flammability Limits in Air(% by volume): Lower - Not Applicable

Upper - Not Applicable

SECTION 5 - Reactive Data

Stability (Conditions to Avoid): Spark, Open Flame

At Temperature over 300 °C, combustible gas may be liberated.

Hazardous Decomposition Product: None

Hazardous Polymerization Product: None

SECTION 6 - Health Hazardous Data

Eye : Solid or Dusts may cause irritation due to mechanical contact.

Eye contact : Flush with water for 15 minutes or more medical attention. I

Skin Contact : Mechanical Injury only.

SECTION 7 - Environmental and Disposal Information

Action to be taken in case that material is released or spilled:
Eliminate source of ignition and soak up with absorbent or flush away with large volume of water.

Disposal Method:

Bury in landfill or burn in an adequate incinerator in accordance with all applicable federal, state and local regulations.

SECTION 8 - Certification of Hazardous Material

In this section, we certify that the grade mentioned here does not contain the following listed materials.

Primary Important Materials List

- Arsenic and its Compounds
- Asbestos (all types)
- Benzene

- Beryllium and its Compounds
- Cadmium and its Compounds
- Chromium and its Compounds
- Dioxines
- Ethylene Glycol Ethers and their Acetates
- Epichlorohydrine
- Mercury and its Compounds
- ODE: Ozone Depletion Chemicals (including CFC-11, CFC-12, CFC-13, CFC-114, CFC-115, HALON-1211, HALON-1301, HALON-2402)

- PCB: Polychlorobisphenyls
- PBBE: Polybromobiphenylethers
- PBDE: Polybrominated Diphenyl Ether
- PBDPE: Polybrominated Diphenyl Promo Ether
- PCT: Polychlorotriphenyls
- Toluene
- Vinylchloride
- Xylenes

Secondary Important Materials List

- Cyanides
- Formaldehyde Monomer
- Hydrazine
- Lead and its Components
- Metal Carbonyls
- Nitrosamine
- Nitrosamide
- Pentachlorophenol
- Polyhalodibenzofuranes
- Polycyclic Aromatic Hydrocarbons
- Selenium and its Compounds
- Tellurium and its Compounds
- Thallium and its Compounds

We hereby certify that the above Statement are true and correct in every respect. If the statements are not true, all responsibility will belong to CHEIL.

STAREX
CHEIL INDUSTRIES INC.

