

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME
ADDRESS

· LG CHEM LTD.
· 70-1 HWACHI DONG YEOUCHUN CITY
CHUNRANAM DO, KOREA
· POLYVINYL CHLORIDE, PVC, VINYL
· (CH₂ - CHCl)
· 9002-86-2

CHEMICAL NAME AND SYNONYMS
FORMULA
CAS No.

2. HAZARDOUS INGREDIENTS

INGREDIENT

LESS THAN 10PPM VINYL CHLORIDE

3. PHYSICAL DATA

BOILING POINT (°F)
VAPOR PRESSURE (mmHg)
SOLUBILITY IN WATER
APPEARANCE & ODOR
SPECIFIC GRAVITY (H₂O = 1)
VAPOR DENSITY (AIR = 1)
PERCENT VOLATILE (BY VOLUME)
EVAPORATION RATE (EITHER = 1)

· SOLID NOT APPLICATED
· < 0.1
· NONE
· WHITE POWDER, NO ODOR
· 1.4
· NO VAPOR
· 0.0
· NONE

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)
FLAMMABLE LIMITS
EXTINGUISHING MEDIA
SPECIAL FIRE FIGHTING
PROCEDURES

CDC > 500°F
NOT APPLICABLE
WATER, CO₂ DRY CHEMICAL
GAS MASK, MSA APPROVED SELFCONTAINED
BREATHING APPARATUS FOR ACID VAPORS.

UNUSUAL FIRE AND
EXPLOSION HAZARDS

HYDROGEN CHLORIDE AND OTHER TOXIC
GASES ARE LIBERATED WHEN POLYVINYL
CHLORIDE IS BURNED. EXPOSURE TO
THESE PRODUCTS OF COMBUSTION MAY
BE FATAL AND SHOULD BE AVOIDED

5. HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE

INLET POWDER AVOID BREATHING ANY TYPE
OF DUST

THRESHOLD LIMIT VALUE(TLV)

NONE ESTABLISHED

FIRE AID PROCEDURES

EYES

· DUST MAY IRRITATE FLUSH WITH LARGE
AMOUNT OF WATER

SKIN

· NO HAZARD TO NORMAL SKIN, WASH WITH
SOAP AND WATER TO REMOVE

INGESTION

· NO SIGNIFICANT HEALTH HAZARD CAN BE
ANTICIPATED

6. REACTIVITY DATA

STABILITY
INCOMPATIBILITY (MATERIALS
TO AVOID)
HAZARDOUS DECOMPOSITION
PRODUCTS

HAZARDOUS POLYMERIZATION

AVOID HEATING ABOVE 300°F UNSTABILIZED
NOT APPLICABLE

HYDROGEN CHLORIDE(HCl) AND OTHER
TOXIC VAPORS GENERATED WITH
COMBUSTION
WILL NOT OCCUR

7. SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE
MATERIAL IS RELEASED OR
SPILLED
WASTE DISPOSAL METHOD

- VACUUM SWEEP OR SHOVEL UP
- SEND TO SANITARY LANDFILL OR
INCINERATE UNDER CONTROLLED
CONDITIONS

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

EYE PROTECTION
VENTILATION
PROTECTIVE GLOVES

LOCAL EXHAUST

ANY MAS APPROVED DUST PROTECTION
RESPIRATOR
STANDARD SAFETY GLASSES/GOGGLES
AIR
NONE REQUIRED (WORK GLOVES CAN BE
USED)
NORMAL INDUSTRIAL VENTILATION

9. SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORING
DEPARTMENT OF TRANSPORTATION
CLASS (DOT)

- STORE BELOW 120°F
- CLASSIFIED AS NON-HAZARDOUS