


Product Name : SWANCOR 2208-B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

PRODUCT NAME : SWANCOR 2208-B
PRODUCT NO :
SUPPLIER : SWANCOR IND. CO., LTD. NO. 9 INDUSTRY SOUTH 6 ROAD, NAN-KANG INDUSTRIAL PARK, NAN-TOU CITY, TAIWAN 54066 R.O.C. TEL : 886-49-2255420 FAX : 886-49-2251534 E-MAIL : nantou@swancor.com.tw
EMERGENCY TELEPHONE : 886-49-2255420

2. HAZARDS IDENTIFICATION

<p>HAZARDS TO CLASSIFY :</p> <p>ACUTE TOXICITY (ORAL) TO FOURTH CLASS \ ACUTE TOXICITY (DERMAL) TO FOURTH CLASS \ SHIN CORROSION TO FIRST CLASS \ SKIN SENSITIZATION TO FIRST CLASS \ CHRONIC AQUATIC TOXICITY TO FOURTH CLASS</p> <p>Inhalation: May cause nose, throat, and lung irritation. May cause respiratory tract sensitization. May aggravate pre-existing respiratory disorders. Chronic exposure may cause bronchitis and asthma.</p> <p>Skin Contact: May cause severe irritation. Contact with moist skin may cause burns. May cause skin sensitization. May aggravate pre-existing skin disorders.</p> <p>Eye Contact: May cause severe irritation or burns.</p> <p>Ingestion: May cause burns of the mouth, throat, and gastrointestinal tract.</p>

OTHER : -

3. COMPOSITION ON INGREDIENTS

NAME : HARDNESS
INGREDIENTS (%) :
Epoxy resin hardener : >95 %

4. FIRST AID MEASURES

<p>Inhalation :</p> <p>If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.</p> <p>Eye contact :</p> <p>Flush with large amount of water immediately and continuously for 20 minutes, lifting upper and lower lids occasionally. Get medical attention.</p> <p>Skin contact :</p> <p>Thoroughly wash exposed area with soap and water immediately. Remove contaminated clothing. Launder contaminated clothing before re-use.</p> <p>Ingestion :</p> <p>Do not induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs can cause chemical pneumonia which can be fatal.</p>
--

Product Name : SWANCOR 2208-B

5. FIRE FIGHTING MEASURES

Suitable extinguishing media :
 Water spray.
 Carbon dioxide (CO2).
 Foam.
 Dry powder.

Extinguishing media which must not be used for safety reasons : High volume water jet.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

Further information : Burning produces obnoxious and toxic fumes.
 Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

PROTECT PEOPLE :
 Keep away from sources of ignition - No smoking.
 Avoid contact with skin, eyes and clothing.
 Do not breathe vapours/dust.

PROTECT THE ENVIRONMENT :
 Prevent product from entering drains.
 Do not contaminate surface water.
 Avoid subsoil penetration.

CLEANUP :
 Soak up with inert absorbent material and dispose of as hazardous waste.

7. HANDLING AND STORAGE

Handling : Keep material away from sparks, flames, and other ignition sources.
Storage : Store in cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls :
 Ensure for good ventilation/suction.

Control parameters :
 None

Personal protection equipment
 Respiratory protection : suitable breathing mask when there is inadequate ventilation.
 Hand protection : suitable protective gloves.
 Eye protection : protective goggles.
 Skin and body protection : suitable protective clothes.

Protective measures :
 Keep away from sources of ignition - No smoking.
 Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : LIQUID	ODOR : ----
ODOR THRESHOLD : ----	MELTING POINT : ----
pH : ----	BOILING POINT : ----
FLAMMABILITY : ----	FLASH POINT : >150°C
DECOMPOSITION TEMPERATURE : ----	
AUTOIGNITION TEMPERATURE : ----	EXPLOSIVE LIMITS : ----

Product Name : SWANCOR 2208-B

VAPOR PRESSURE : ----	VAPOR DENSITY : ----
SPECIFIC GRAVITY : ----	SOLUBILITY : INSOLUBLE IN WATER
PARTITION COEFFICIENT N-OCTANOL/WATER : ----	EVAPORATION RATE : ----

10. STABILITY AND REACTIVITY

<p>FLASH POINT : 157°C (Cleaveland Open Cup) STABILITY : This product is considered a stable material under normal and anticipated storage and handling conditions. HAZARDOUS REACTIONS : Avoid to react with alkaline water , alcohol , amine (May cause exothermic)</p>

11. TOXICOLOGICAL INFORMATION

<p>Skin contact : Irritating to skin. Eye contact : Irritating to eyes. Ingestion : Acute oral toxicity : LD5010000-11400mg/kg body weight.</p>
--

12. ECOLOGICAL INFORMATION

<p>ENVIRONMENTAL FATE : LC50 : 3.1mg/1/96H EC50 : 1.4-1.7mg/1/48H BCF : ----</p>
<p>DEGRADATION & PERSISTENCE : On the skin : Irritating to skin. On the eye : Irritating to eyes. Sensitization : sensitization possible by skin contact</p>

13. DISPOSAL CONSIDERATIONS

<p>DISPOSAL : DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator</p>
--

14. TRANSPORT INFORMATION

Land transport : ADR

UN NO : 1760
UN TRANSPORT NAME : Corrosive liquids, n.o.s.
Hazard Class : 8
Classification code : C7
PG : III
Risk NO : 80
ADR/RID-Labels : 8

Land transport : RID

UN NO : 1760
UN TRANSPORT NAME : Corrosive liquids, n.o.s.
Hazard Class : 8

Product Name : SWANCOR 2208-B

PG : III
Risk NO : 80
ADR/RID-Labels : 8

Sea transport : ADR

UN NO : 1760
UN TRANSPORT NAME : Corrosive liquids, n.o.s.
Hazard Class : 8
EmS : F-A S-F
PG : III
ADR/RID-Labels : 8

Air transport : ADR

UN NO : 1760
Hazard Class : 8
PG : III
Packing instruction (cargo aircraft) : 812
Max. Qty/Pack : 30.00L
Packing instruction (passenger aircraft) : 808
Max. Qty/Pack : 1.00L

15. REGULATORY INFORMATION

SWANCOR IND. CO.,LTD is not able to check up the regulatory information in regard to the substances in your country or region , therefore , we request this matter would be filled by your responsibility.

16. OTHER INFORMATION

REVISION : R&D	NAME : SWANCOR 2208-B	
	ADD/TEL : SWANCOR IND. CO., LTD. NO. 9 INDUSTRY SOUTH 6 ROAD, NAN-KANG INDUSTRIAL PARK, NAN-TOU CITY, TAIWAN 54066 R.O.C. /886-49-2255420	
PREPARED BY : CHUN-AN CHEN	MSDS NO. :	
DATE : 2012.09.14	HAZARD RATING : Health 2 / Reactivity 2	