



# Material Safety Data Sheet

THINNER AA CARWA / AA KSC

V1.0

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

PRODUCT NAME : THINNER AA CARWA / AA KSC  
SUPPLY : CARCO CHEMICAL CO.,LTD.  
79/1-2 Moo4 Thepphrarat Banpho ChaChengsao 24140  
TELEPHON : +6638-595-508 – 9  
FAX : +6638-525-351

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS	RATIO	Symbol (s)	R-phase (s)
Methyl iso-butyl ketone		1-5		
Xylene		5-10	Xn	R20, R21, R38
Ethyl benzyl		20-30	Xn	R20
Alkyl benzene C9-C10		60-70		

## 3. HAZARDS IDENTIFICATION

Flammable : highly flammable.

include

Poisoning - xylene, alkyl benzene C9-C10.

Harmful to the respiratory system irritation to eyes, skin should wear protective clothing and gloves. If ingested Should not cause the patient to vomit. Should be taken to hospital And labeling of chemicals as well.

## 4. FIRST AID MEASURES

GENERAL INFORMATION : if I should see a doctor before the accident. Should go to the doctor and take the safety labels or attached to the patient.

INHALATION : when the patient exposure. The motion should breathe or move patients to. A ventilated patient care and caution. In case the patient was unconscious and not breathing. Resuscitation should be On breathing Should find a warm cloth to cover and bring to a doctor.

SKIN CONTECT : on skin contact, chemical Contaminated clothing should be removed Then wash skin with soap and water or cleaning solution may help. But do not use thinner. Or solvent wash grease off of skin.



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**EYE CONTACT** : when the chemical gets into the eyes Wash immediately with clean water for at least 10 minutes, then take to a doctor.

**INGESTION** : If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

## 5. FIRE FIGHTING MEASURES

The fire should be using CO2 foam or powder chemical fire water should not be used because it will cause a fire to grow thicker and broader black smoke. Burns who happen to be dangerous

## 6. ACCIDENTAL RELEASE MEASURES

Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. Avoid breathing vapour or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment .Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire. Ensure that all local regulations regarding handling and storage facilities are followed. Chemical spill should not be washed in water. Discharged into drains Best way detergent water. Avoid using solvents.

## 7. HANDLING AND STORAGE

**CONTROL** : Vapors may be included with the air and explode when they're low density. Prevent flames and should make the density of low vapour point, old flames. An evaporation of heavier air tends to make distribution by on the floor. Some of these chemicals may be able to burn. Therefore, there should be no handling time ground help. In some cases, may need to wear clothing or shoes, anti-static. Avoid contact with the epoxy and amines because it can cause allergies. Avoid inhalation of vapor and spray chemicals, do not eat food, drink or smoke while working.

**HANDLING** : The flammable Store in a sealed container to dry, away from children and Away from food. Under the laws of Keep away from sparks Oxidising agents, acids and alkalis. No person outside Keep container closed to prevent leakage of the substance.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Caution technical

Management should provide adequate ventilation for both entry and exit points. And should give the intensity of the chemical under the standard should use a respirator. When the mist of chemicals.

Material	Report	ppm	mg/m <sup>3</sup>	Notation
Alkyl benzene C9-C10	-	25	120	
Methyl iso-butyl ketone	H	25	100	
Xylene	H	35	150	
Ethyl benzyl	-	50	217	

The amount of chemical contaminants in the air that humans can endure, determined by the Danish Working Environment Service on July 2537

L: TLV is the chemical contamination in the air that humans can get maximum

H: permeate skin

Personal and general protective clothing .

Respiratory Protection : When the intensity of the chemical vapors over TLV in the breathing apparatus should be used .

To prevent chemical contact with the hand : Should apply the cream or wear gloves to suit Cream should not be used with water soluble with rubber or plastic.

Eye protection chemicals : Wear splash goggles or masks of Chemicals .

Skin Protection : Wear protective clothing when spraying chemicals.



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## 9. .PHYSICAL AND CHEMICAL PROPERTLES

Physical state	liquids with viscosity	the limits of explosion V 1.0-8.0
flash point (c)	18	organic solvents% w 100
density (kg / L)	0.8	Water % w 0
pH	-	Compatibility with water -

## 10. STABILITY AND REACTIVITY

The products are stable in storage conditions. And control (as recommended in Section 7) When opened, the high temperature decomposition, such as carbon monoxide, carbon dioxide and smoke. Keep product away from strong oxidizing acids and alkalis. To prevent exothermic reactions.

Products containing chlorine is an element when there was a fire Will decompose at high temperatures such as burning volatile and dangerous toxins that can erode

## 11. TOXICOLOGICAL INFORMATION

Not enough data to confirm Vapor of solvent at a higher intensity than the cause the destruction of the organs in the nervous system, memory loss. Irritation and unconsciousness.

Coaltar products contain substances which can penetrate the skin causing irritation. Especially if exposed to sunlight, with prolonged exposure causing skin washed fat. Cause rash and skin penetration In the case of chemicals into the body by mouth. Will cause abdominal pain and if it is cause vomiting may cause chemical into the lungs.

## 12. ECOLOGOCAL INFORMATION

None of the information can be used. Products should not be washed into rivers, canals and drains.

## 13. DISPOSAL CONSLDERATIONS

Substances falling down or rest can't be cleaned. Will be considered as chemical waste and should be disposed of according to law.



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## 14. TRANSPORT INFORMATION

Transportation to the various locations. The laws of the country or ADR for transport by road, RID for transport by rail, IMDG for transport by sea. Depending on the type of transport ADR 1995 and IMDG 27-94.

ADR / RID                      Class / item / litra 3-5B.                      Hazard Level 2                      TEC (R): 595

Technical Name: color 1263, methyl iso-butyl ketone.

IMDG                              Class: 3.2                              Hazard Level 2

Marine Pollutant              No                                      Pl.gr.: II

Un-no: 1263                      EmS :3-05                              MFAG: 310

report

Shipping Name: Paint 1263, methyl iso-butyl ketone

## 15. REGULATORY INFORMATION

Classification and branded by European countries.

Include                              : Xylene

EC Symbols                        : F Flammable.

Xn Harmful.

EC Risk Phrases                 : R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R38 Irritation to skin.

EC Safety Phrases               : S36/37 Wear suitable protective clothing and gloves.

S62 Swallowing Do not try to induce vomiting Seek medical advice immediately

And containers Or label to show

## 16. OTHER INFORMATION

Xn                                      : Harmful

R20                                    : Harmful by inhalation.

R21                                    : Harmful by skin

R38                                    : Irritation to skin.

Information contained in the Material Safety Data Sheet is basic knowledge now. And European groups Law and can provide advice , health, safety and the environment. To use the product in a safe, but can't guarantee the technical evaluation or application . In the appropriate which is a function of the and employers. To note the details of the plan . And work legally in the country.