

MATERIAL SAFETY DATA SHEET

IDENTITY (As Used on Label and List)

CASMOLY CP-5

Section I

Manufacturer's Name CHANG AM LS CO., LTD.	Emergency Telephone Number 041 - 541 - 9444, South Korea
Address (Number, Street, City, State, and ZIP code) 674-12 , Jangjae-ri, Baebang-Myun, Asan-City, ChoongChungNam-Do	Telephone Number for information 041 - 541 - 9444, South Korea
	Date Prepared JUL. 23, 2001
	Signature of Preparer (optional)

Section II Hazardous Ingredients/ Identity Information

CAS Number	wt%	Components	Exposure Limits
7631-86-9	9	SILICA AMORPHOUS	OSHA PEL : 6MG/M3 ACGIH TLV : 10 MG/M3
63148 - 62 - 9	83	SILOXANES AND SILICONES	OSHA PEL : NOT ESTABLISHED. ACGIH TLV : NOT ESTABLISHED
70137 - 67 - 8	7	DI-ME, HYDROXY - TERMINATED	OSHA PEL : NOT ESTABLISHED ACGIH TLV : NOT ESTABLISHED

Section III Physical / Chemical Characteristics

Boiling Point	NOT DETERMINED	Specific Gravity (H2O =1)	1.10
Vapor Pressure (mmHg)	NOT DETERMINED	Melting Point	NOT DETERMINED
Vapor Density (Air = 1)	NOT DETERMINED	Evaporation Rate (Butyl Acetate =1)	NOT APPLICABLE

Solubility in Water(%)

NOT DETERMINED

Appearance and odor

TRANSLUCENT WHITE, ODORLESS

Section IV Fire and Explosion Hazard Data

Flash Point More 103°C , OPEN CUP	Flammable Limits	LEL NOT DETERMINED	UEL NOT DETERMINED
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Extinguishing Media

WATER, WATER FOG(or SPRAY), CARBON DIOXIDE, DRY CHEMICAL, FOAM

Special Fire Fighting Procedures

SELF - CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS. EVACUATE AREA IN CASE OF OVERHEATING OR FIRE.

Unusual Fire Explosion Hazards NONE

Section V Reactivity Data

Stability	Unstable		Condition to Avoid NONE
	Stable	X	

Incompatibility (Materials to avoid)
OXIDIZING MATERIAL CAN CAUSE A REACTION

Hazardous Decomposition or Byproducts
SILICON DIOXIDE, CARBON OXIDES & TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS,
FORMALDEHYDE

Hazardous Polymerization	May Occur		Condition to Avoid NOT APPLICABLE
	Will not Occur	X	

Section VI Health Hazard Data

Route(s) of Entry	Inhalation? -	Skin ? X	Ingestion ? X
Health Hazards (Acute and Chronic)	NO DATA		
Carcinogen	NTP ? NO DATA	IARC Monographs ? NO DATA	OSHA Regulated? NO DATA

Signs and symptoms of Exposure

- EYE : DIRECT CONTACT IRRITATES SLIGHTLY WITH REDNESS AND SWELLING.
- SKIN : A SINGLE SHORT EXPOSURE (LESS THAN 24 HRS)MAY IRRITATE. REPEATED PROLONGED CONTACT(24 TO 48 HRS)MAY IRRITATE MODERATELY.
- INHALATION : IRRITATES RESPIRATORY PASSAGES AND EYES VERY SLIGHTLY.
- ORAL : SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC., SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY INJURE SLIGHTLY.

Medical Conditions Generally Aggravated by Exposure
NO DATA, MAKE REFERENCE TO "SIGNS AND SYMPTOMS OF EXPOSURE".

Emergency and First Aid Procedures

- EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.
- SKIN : REMOVE FROM SKIN AND WASH THOROUGHLY WITH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER ILL EFFECTS DEVELOP OR PERSIST.
- INHALATION : NO FIRST AID SHOULD BE NEEDED.
- ORAL : GET MEDICAL ATTENTION.

Section VII Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
MOP UP, OR WIPE UP, OR SOAK UP WITH ABSORBENT AND CONTAIN FOR SALVAGE OR DISPOSAL.

Waste Disposal Method
DISPOSE OF THE MATERIAL IN ACCORDANCE WITH LOCAL REGULATIONS.

Precautions to Be Taken in Handling and Storing
USE REASONABLE CARE AND CAUTION

Other Precautions
NONE

Section VIII Control Measures

Respiratory Protection (Specific Type)
NONE SHOULD BE NEEDED.

Ventilation

Local Exhaust
RECOMMENDED

Mechanical (General)
RECOMMENDED.

Protective Gloves
RUBBER GLOVES

Eye Protection
SAFETY GLASSES AS A MINIMUM

Other Protective Clothing or Equipment
CONTAMINATED CLOTHING AND SHOES SHOULD BE REMOVED AS SOON AS PRACTICAL
AND THOROUGHLY CLEANED BEFORE REUSE.

Work / Hygienic Practices

GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE
SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING
OR SMOKING.

Section IX Transport Information

DOT Road Shipment Information (49CFR 172,101).

- Not subject to DOT.

Ocean Shipment(IMDG)

- Not subject to IMDG code

Shipment(ICAO)

- Not subject to ICAO regulations

Call Chang Am LS CO., LTD, (041)541-9444, if additional information is required
