



CH-33201 Water Base Anti-Rust inhibitor

Material Safety Data Sheet

December 2007

Manufacturer's Name: Chwen Shyang Enterprise Co., Ltd..
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SECTION 1 - PRODUCT INFORMATION

Product ID: **CH-33201 Water Base Anti-Rust inhibitor**
 Synonyms: NONE
 Molecular Formula: NONE
 Chemical Family: Acid-modified emulsion

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	%
Water	30-60
Synthetic polymer	30-60
Inorganic filler	5.0-15.0
Ethyleneglycol ester	1.0-10.0
Organic acids	1.0-10.0
Fumed Silica	1.0-10.0
Propylene glycol	1.0-10.0

* This component is listed as a SARA Section 313 Toxic Chemical.

SECTION 3 - PHYSICAL PROPERTIES

Appearance:	Milky off-white liquid
Odor:	Mild
Boiling Point:	212°F
pH:	1.96
Solubility in Water:	Water-based
Specific Gravity	1.2
Volatile organic compound	110 grams of VOC per liter of coating
Vapor pressure:	Approximately 24 mm
Vapor density:	1.2
(EPA Method 24)	
Flash poin, °F(°C):	>200(>93)

Exposure limits of ingredients

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (PEL)	OTHER
Ingredients			
Barium sulfate	10 mg/m3 dust	10 mg/m3 dust	None 5 mg/m3 respir.
n-Butyl Cellosolve	15 ppm TWA 121 mg/m3 skin	6 mg/m3 TWA	3 mg/m3 TWA
Silica, Amorphous, fumed, Crystalline free	10 mg/m3 TWA	6 mg/m3 TWA	3 mg/m3 TWA resp. dust
Exposure Limits (STEL)			
Ingredients	(TLV)	(PEL)	

SECTION 4. HAZARDS IDENTIFICATION

3. HAZARDS IDENTIFICATION

(continued)

Toxicity: May irritate eyes and skin. High vapour concentration may irritate respiratory tract. May cause gastric disturbances if swallowed. The organic acid can irritate the nose and throat upon inhalation.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Water	NTO	NO	NO	NO
Barium sulfate	Lun	NO	NO	NO
Organic acid	BLO CNS IRR KID	NO	NO	NO
2-Butyl cellosolve	BLO COR IRR KID LIV	NO	NO	NO
Propylene glycol	IRR	NO	NO	NO
Fumed Silica	NUI	NO	N/A	NO

Abbreviations

BLO Blood	CAR Cardiac	NTO No target organ
CNS Central nervous system	IRR Irritant	LIV Liver
LUN Lung	COR Corrosive	N/A Not Applicable
		NUI Nuisance dust

SECTION 5. FIRE AND EXPLOSION DATA

Recommended

Extinguishing Agents: Carbon dioxide, foam, dry chemical
 Hazardous Products formed No
 Unusual Fire or Explosion Hazards: No

6. ACCIDENTAL RELEASE MEASURES AND FIRST AID MEASURE

First Aid Measure

Ingestion: Give plenty of water to dilute. Do not induce vomiting. Keep individual calm. Obtain medical attention.
 Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush with water for at least 15 minutes. Obtain medical attention.

No data is available which addresses medical conditions that are Generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.

SECTION 7 - REACTIVITY DATA

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: Strong base will coagulate resin; strong oxidizers,
 Conditions to Avoid: Not available
 Hazardous Decomposition Products (non-thermal): None

SECTION 8 - PERSONAL PROTECTION

Clothing: Gloves, coveralls, apron, boots as necessary to minimize contact.
 Eyes: Safety glass or goggles; also wear a face shield if splashing hazard exists.

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Respiration: Approved organic vapour mist respirator as necessary.

Ventilation: Use local exhaust to control vapours/mists.

Explosion Proofing: None required.

SECTION 9 - SPILL-LEAK/ENVIRONMENTAL

Steps to be taken in case

of spill or leak: Maintain adequate ventilation. Soak up in an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with soap and water.

SECTION 10 - STORAGE AND HANDLING

General

Keep containers closed. Store between 8° and 28°C (46-81°F).

Protect from Freezing.

SECTION 11 - REGULATORY INFORMATION

TSCA Inventory Status

Listed on Inventory: YES

RCRA Haz. Waste No .:

CERCLA: NO Reportable Qty.: (If YES)

State Regulatory Information: (By Component)

NJ/PA/MA RTK

CAS: N/A

EX.

CA Proposition 65: No California Proposition 65 chemicals are known to be present.

SECTION 12 - TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Unrestricted

Hazard Class or

Division: Unrestricted

Identification Number: None

Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted

Class or Division: Unrestricted

UN or ID Number: None

SECTION 13 - OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1

Fire Hazard: 1

Reactivity Hazard: 0

Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1

Flammability Hazard: 1

Reactivity Hazards: 0

Personal Protection: See Section 8.

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HMIS is a registered trademark of the National Paint and Coatings Assn.

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