

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
CHAMPION Cold Galvanize

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I 6-5389-1 #419-T3408-1

Manufacturer's Name Chase Products Company	Emergency Telephone Number (708) 865-1000	HMIS RATING or NFPA 704 HAZARD RATING 4 - Extreme 3 - High 2 - Moderate 1 - Slight 0 - Insignificant	HEALTH 2
Address (Number, Street, City, State, and ZIP Code) P.O. Box 70	Telephone Number for Information (708) 865-1000		
Maywood, IL 60153	Date Prepared 08/13/97		REACTIVITY 1
ORM-D Consumer Commodity	Signature of Preparer (optional) LER		

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; CAS Reg. No. OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
* Toluene 108-88-3 100ppm	50ppm skin	NA	15-20%
* Zinc Dust 7440-66-6 5mg/m ³	5mg/m ³	NA	15-20%
Acetone 67-64-1 750ppm	750ppm	NA	
Light Aromatic Naphtha 64742-95-6 NA	NA	**50ppm	
Propane/n-butane 74-98-6/ 1000ppm	NA	NA	
propellant blend 106-97-8 800ppm	800ppm	NA	
* Xylene 1330-20-7 100ppm	100ppm	NA	1-5 %

* These chemicals are listed under SARA Section 313.

** Recommended by the manufacturer .

Section III - Physical/Chemical Characteristics

Boiling Point Acetone	133°F	Specific Gravity (H ₂ O = 1)	1.131
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	Faster than Butyl Acetate
Solubility in Water Insoluble	VOC%		49.30%
Appearance and Odor Appearance and odor of paint.			

Section IV - Fire and Explosion Hazard Data

Flame Projection: Over 18 in. with flashback	Flammable Limits: NA	LEL NA	UEL NA
Extinguishing Media Water fog, foam, dry chemical or carbon dioxide.			
Special Fire Fighting Procedures Water spray may be used to cool cans in the vicinity of fire or excessive heat.			
Unusual Fire and Explosion Hazards Temperatures above 120°F may cause cans to burst.			

(Reproduce locally)

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Temperatures above 120°F.

Incompatibility (Materials to Avoid)

Avoid heat, open flame and contact with strong oxidizers.

Hazardous Decomposition or Byproducts

Thermal decomposition may yield carbon monoxide and carbon dioxide.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Temperatures above 120°F.

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	yes	yes	unlikely

Health Hazards (Acute and Chronic)

Acute: Excessive exposure to vapors can cause headache, dizziness and narcosis.

Prolonged contact with skin and eyes cause irritation and may be damaging.

Chronic: Solvents may cause brain and nervous system damage.

Carcinogenicity: NTP? NA IARC Monographs? NA OSHA Regulated? NA

Proposition 65: "Warning: This product contains toluene, a chemical known to the State of California to cause reproductive toxicity".

Signs and Symptoms of Exposure

See health hazards above.

Medical Conditions

Generally Aggravated by Exposure

Pre-existing skin and respiratory disorders.

Emergency and First Aid Procedures

Remove victim to fresh air, restore and/or support breathing if required.

Wash skin with soap and water. Flush from eyes promptly with plenty of water.

Section VII — Precautions for Safe Handling and Use Get medical attention if necessary.

Steps to Be Taken in Case Material is Released or Spilled

Provide adequate ventilation to area being treated.

Soak up spill with chemically inert absorbent material.

Waste Disposal Method

Wrap container in several layers of newspaper and dispose of it in non-incinerated trash only.

Precautions to Be Taken in Handling and Storing

Keep container in a cool, dry place away from heat and open flame.

AEROSOL FIRE PROTECTION LEVEL III (NFPA 30B)**Other Precautions**

Keep out of reach of children. Handle as a very flammable material.

Avoid getting spray into eyes.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/OSHA TC-11C or equivalent), or leave the area.

Section VIII — Control Measures**Respiratory Protection (Specify Type)**

Use only in a well-ventilated area.

Ventilation	Local Exhaust	Preferred	Special
	Mechanical (General)		none
		Optional	Other
			none

Protective Gloves

Vinyl or neoprene.

Eye Protection Conventional eyeglasses to guard against unexpected splashing.

Other Protective Clothing or Equipment

Apron, if desired.

Work/Hygiene Practices

Wash hands thoroughly after using this product.

Prepared by: Laura E. Radevski Page 2
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