

MATERIAL SAFETY DATA SHEET

**Accumetric LLC
350 Ring Road
Elizabethtown, KY 42701
270-769-3385**

BOSS® 604 Zinc Cold Galvanizing 16 oz. Aerosol

Identity and Manufacturer's Information

NFPA Rating: Health 2; Flammability 2; Reactivity 0; Special 0
HMIS Rating: Health 2; Flammability 2; Reactivity 0; Personal Protection B

Manufacturer's Name: Accumetric LLC
350 Ring Road
Elizabethtown, KY 42701
502-769-3385

DOT Hazardous Classification: Consumer Commodity ORMD

Identity (trade name as used on label): BOSS® 604 Zinc Cold Galvanizing

Notice: Judgement based on indirect test data.

Section 1. Material Identification and Information

Component-Chemical Name and Common Name: Xylol
(Hazardous Components 1% or greater, Carcinogens 0.1% or greater)
Cas Number: 1330-20-7
SARA III List: Yes
OSHA PEL (ppm) 100
ACGIH TLV (ppm) 100
Carcinogen Ref. Source* d

Component-Chemical Name and Common Name: Dichloromethane
(Hazardous Components 1% or greater, Carcinogens 0.1% or greater)
Cas Number: 75-09-2
SARA III List: Yes
OSHA PEL (ppm) 500
ACGIH TLV (ppm) 100

Carcinogen Ref. Source* IARC NTP

Component-Chemical Name and Common Name: Propane
(Hazardous Components 1% or greater, Carcinogens 0.1% or greater)

Cas Number: 74-98-6

SARA III List: No

OSHA PEL (ppm) 1000

ACGIH TLV (ppm) 1000

Carcinogen Ref. Source* d

Component-Chemical Name and Common Name: Zinc dust and resin binder
(Hazardous Components 1% or greater, Carcinogens 0.1% or greater)

Cas Number: 7440-66-6

SARA III List: No

OSHA PEL (ppm) 200

ACGIH TLV (ppm) 200

Carcinogen Ref. Source* d

Section 2. Physical/Chemical Characteristics

Boiling Point: NA
Vapor Pressure: (PSIG @ 70F (Aerosols): Max 60
Vapor Density (Air = 1): NE
Solubility in Water: Insoluble
Appearance and Odor: Gray liquid with hydrocarbon odor
Specific Gravity (H2O=1) 1.428
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): NA
Evaporation Rate (BUAC=1): NE
Water Reactive: No

Section 3. Fire and Explosion Hazard Data

Flammability as per USA Flame
Projection Test (aerosols):
Non-Flammable

Auto Ignition Temperature:
Unknown

Flammability Limits in Air by % in Volume:
%LEL: NE
%UEL: NE

Flash Point Method Used (non-aerosols):

NA

Special Fire Fighting Procedures:
Self contained breathing apparatus

Extinguisher Media:
Foam, dry chemical, carbon dioxide

Unusual Fire and Explosion Hazards:
Do not expose aerosols to temperatures above 130F or container may rupture

Section 4. Reactivity Hazard Data

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility (Mat. to Avoid):	Alkaline, oxidizing materials, amines, potassium
Conditions to Avoid:	Open flames, welding arcs, heat
Hazardous Decomposition Products:	HCl, CO, CO ₂ , small amounts of phosgene and chlorine

Section 5. Health Hazard Data

Primary Routes of Entry: Inhalation

Acute Effects

Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

Eye Contact: Mild irritation

Skin Contact: Mild irritation due to defatting of skin

Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.

Chronic Effects

May cause neural dysfunction, elevated carboxyhemoglobin levels and salivary gland tumors, liver abnormalities.

Medical Conditions Generally Aggravated by Exposure:

May aggravate existing eye, skin or upper respiratory conditions, asthma

Carcinogenicity: Methylene Chloride has been shown to increase the rate on spontaneously occurring malignant tumors in laboratory mice and benign tumors in laboratory rats. It is not believed to pose a measurable carcinogenic risk to man when handled as recommended. It has been listed as a possible carcinogen by IARC and NTP.

Emergency First Aid Procedures

Eye Contact: Flush with water for 15 minutes. If irritated, see physician
Skin Contact: Wash with soap and water. If irritated, see physician.
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical aid.
Ingestion: DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

Section 6. Control and Protective Measures

Respiratory Protection (specify type):

If vapor conc. Exceeds TLV, use respirator approved by US Bureau of Mines for organic vapor.

Protective Gloves:

Rubber gloves

Eye Protection:

Safety glasses recommended

Ventilation Requirements:

Adequate ventilation to keep vapor concentration below TLV.

Other Protective Clothing and Equipment:

None

Hygienic Work Practices:

Wash with soap and water before handling food. Remove contaminated clothing.

Section 7. Precautions for Safe Handling and Use

Steps to be Taken if Material is Spilled or Released:

Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. Do not flush to sewer.

Waste Disposal Methods:

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal problem.

Precautions to be Taken in Handling and Storage:

Do not puncture or incinerate containers. Do not store at temperatures above 130F.

Other Precautions and/or Special Hazards:

KEEP OUT OF THE REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove all ignition sources.

We believe the statements, technical and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

* Chemical Listed as Carcinogen or Potential Carcinogen. (a) NTP (b) IARC Monograph (c) OSHA (d) Not Listed (e) Animal Data Only.

Date Prepared: March 18, 1999