

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 54 Hercules High Heat Aluminum Coating



MATERIAL SAFETY INFORMATION SERVICE

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Date Prepared: 3/16/1994 Last Reviewed: 3/16/1994

Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
Acetone (67-64-1)	1000PPM	750PPM	N/A	40%
Toluene (108-88-3)	200PPM	100PPM	N/A	.25
Propane (74-98-6)	1000PPM	1000PPM	N/A	--
Mineral Spirits (8052-41-3)	500PPM	100PPM	N/A	--
Xylene (1330-20-7)	100PPM	100PPM	N/A	30%
Aluminum Flake(7429-90-5)	N/A	10mg/M3	(as dust)	--

HMIS Hazard Rating: Health: 1 Flammability: 3 Reactivity: 0 Personal Protection: G

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H2O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
-44	14 (solvent mixt)	2.2 (solv mix)	153.3 (solv mix)
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
< 100°F (s)	4.86	Solvent Mix - Appreciable	
Appearance And Color:	Aluminum/Gray metallic color	Odor: Typical paint odor.	

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
156° F T.C.C. (Propane)		2.2%	8.9%

Extinguishing Media: CO2, foam, 12 BC extinguisher.

Special Firefighting Procedures:

Stop release of materials if possible. Cool storage container. Avoid accumulation of unburned material. Exclude air.

Unusual Fire And Explosion Hazards:

Expansion of liquid and change of state from liquid to vapor will allow combustible mixture to encompass large area. Wear proper protective clothing including a NIOSH approved self-contained breathing apparatus. Vapors heavier than air. May travel to an ignition source and flash back.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Temperatures over 120° F.
Incompatibility (Materials To Avoid): Avoid heat, sparks, open flames and contact with strong oxidizing agents.
Hazardous Decomposition: Carbon monoxide, carbon dioxide may be formed during combustion.

Hazardous Polymerization: Yes

Section 6 - Health Hazard Data

Routes of Entry: Inhalation YES/Primary **Skin** YES/Primary **Ingestion** YES/Secondary

Health Hazards:
Could produce loss of coordination and equilibrium on prolonged and repeated inhalation. Metabolizes to produce carbon monoxide.

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:
Dizziness, nausea, headache, possible skin and eye irritation.

Medical Conditions Generally Aggravated By Exposure:
Increases and sustains carboxy hemoglobin levels in the blood, reducing oxygen-carrying capacity of the blood.

Emergency And First Aid Procedures:
INHALATION: Remove to fresh air. Give artificial respiration. Keep quiet and warm. Do not use adrenalin. **EYE CONTACT:** Flush contacted area with plenty of water. If irritation persists, get immediate medical attention. **SKIN CONTACT:** Wash skin with soap and water. If persistent, get medical attention. **INGESTION:** Get prompt medical attention. Do not give adrenalin. **DO NOT INDUCE VOMITING.**

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Eliminate sources of ignition. Absorb liquid on inert materials such as sand or vermiculite. Place in leak proof containers. Ventilate the area.

Waste Disposal Method:

Dispose of as ordinary paint in accordance with local, state and federal requirements.

Precautions To Be Taken In Handling And Storing:

Avoid water contact and high temperature in storage.

Other Precautions:

Do not puncture or incinerate cans. Do not store above 120° F

Section 8 - Control Measures:**Respiratory Protection:**

Use NIOSH-approved respirator as required to prevent overexposure.

Ventilation: Local Exhaust YES

Special NONE

Mechanical Use explosion-proof ventilation

Gloves: Neoprene gloves.

Other: NONE

Eye Protection: Chemical resistant goggles.

Other Protective

Clothing: Impervious clothing.

Work/Hygienic Practices Wash with soap and water after each use.



FACTS
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For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.