

## Material Safety Data Sheet

### SECTION ONE: IDENTIFICATION OF THE SUBSTRATE/PREPARATION:

Name:	<b>Brush Cleaner</b>	Code:	50004
CAS No:	N/A	Chemical Family :	None
EchoChem:	N/A	Date issued:	8-Feb-10
EC:	N/A		
UN Number:	UN1090		

### SECTION TWO: COMPOSITION ON INGREDIENTS:

<b>Hazardous Components:</b>	1. Toluene
	2. Acetone
	3. Xylene
	4. Butyl Acetate

### SECTION THREE: HAZARDOUS IDENTIFICATION:

<b>SAPMA Hazard Rating:</b>	2HE
<b>Flammability:</b>	3 - Flammable
<b>Eyes:</b>	Eye Irritant
<b>Skin:</b>	Skin irritant Prolonged repeated skin contact may damage the skin, resulting in possible irritation and dermatitis.
<b>Ingestion:</b>	Harmful if swallowed
<b>Inhalation:</b>	Respiratory tract irritant

### SECTION FOUR: FIRST AID AND MEASURES:

<b>Eye Contact:</b>	Hold eye lids apart & immediately flush with plenty of water for at least 15 minutes. If problem persists, seek medical help immediately.
<b>Skin Contact:</b>	Rinse thoroughly with plenty of water. Remove contaminated clothing and shoes.
<b>Inhalation:</b>	Move to fresh air. If respiratory irritation, nausea, dizziness or unconsciousness occurs, seek immediate medical attention and call a doctor. If breathing has stopped or laboured, give assisted respiration. Seek medical attention immediately.
<b>Ingestion:</b>	Rinse mouth immediately. Do not induce vomiting. Give 1 to 2 glasses of water. Seek medical attention immediately. (Do not induce vomiting or give anything by mouth to an unconscious person).

### SECTION FIVE: FIRE FIGHTING MEASURES:

<b>Fire Rating:</b>	2 - Flammable
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#### Extinguishing Media:

Carbon dioxide, Foam, Dry chemical, Water fog.

#### Special fire - fighting procedures:

Use water to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

**Special Protective Equipment:**

Fire - fighters who are in enclosed areas must use self contained breathing apparatus.

**Unusual Fire and Explosion Hazards:**

Extremely flammable. Vapour accumulation could flash and/or explode if in contact with open flame.

**NFPA Hazard ID:**

Reactivity: 4 - Minimal

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**SECTION SIX: ACCIDENTAL RELEASE MEASURES:**

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**Notification Procedures:**

Report spills as required to appropriate authorities.

**Spill Clean-Up Procedure:**

Eliminate all ignition sources. Working from the outer circumference of the contained spill area, absorb the product with sand or fire retardant treated sawdust. Collect with spark resistant equipment and place the contaminated materials in an approved disposal container. Dispose of contaminants in accordance with the Local & National By-Laws. Should the spill exceed the in-house capabilities, call a spill responder immediately.

**Environmental Precautions:**

Contain or dyke the entire perimeter of the contaminated area. Ensure that the spilled material does not enter any drains or storm sewers and does not make contact with soil.

**Personal Precautions:**

Wear long sleeved shirts, impervious gloves, boots, & eye protection. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the threshold limit value (TLV).



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**SECTION SEVEN: HANDLING AND STORAGE:**

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**Handling:**

Avoid contact with skin and eyes. Do not ingest or inhale. When handling, do not eat, drink or smoke. Use in well ventilated area away from all ignition sources. Ground and bound all transfer equipment.

**Storage:**

Keep in cool dry, ventilated storage and in closed containers. Outside or detached storage is preferred. Store away from all ignition sources.

SAPMA Hazard Rating: 2He

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**SECTION EIGHT: EXPOSURE CONTROLS / PERSONAL PROTECTION:**

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**Ingestion Protection:** Wash before eating, drinking or smoking. Observe the rules of hygiene.

**Respiratory Protection:** Approved respiratory equipment must be used when there is inadequate ventilation, airborne concentrations are unknown or exceed the threshold limit value (TLV).

**Skin Protection:** Wear long sleeved clothing, impervious gloves, apron and boots. Provide readily accessible safety showers

**Eye Protection:** Wear safety glasses or goggles. Provide readily accessible eye wash stations.



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**SECTION NINE: PHYSICAL AND CHEMICAL PROPERTIES:**

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<b>Physical Form:</b>	Mobile Liquid
<b>Colour:</b>	Pink / Green
<b>Odour:</b>	Aromatic
<b>Boiling Point:</b>	No Data
<b>Flash Point:</b>	35 degrees Celsius
<b>Flammability:</b>	2 - Flammable
<b>Specific Gravity:</b>	0.845
<b>Solubility in Water:</b>	Miscible

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**SECTION TEN: STABILITY AND REACTIVITY:**

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<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Heat Sparks Flames Build up of static electricity.
<b>Incompatible Material:</b>	Strong oxidising substances.
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide.

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**SECTION ELEVEN: TOXICOLOGICAL INFORMATION:**

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<b>Eye and Skin Contact:</b>	Eye and skin irritant
<b>Carcinogenicity:</b>	Not a known carcinogen

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**SECTION TWELVE: ECOLOGICAL INFORMATION:**

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Harmful to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.

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**SECTION THIRTEEN: DISPOSAL INFORMATION:**

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<b>Waste Disposal:</b>	Use a reputable waste disposal contractor. Waste disposal measures must comply with all Local & National By-Laws.
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**SECTION FOURTEEN: TRANSPORT INFORMATION:**

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<b>UN Number:</b>	1090
<b>IMO Shipping Name:</b>	Acetone Blend
<b>IMO Class And Danger Group:</b>	Class 3, Danger Group II
<b>IMO Subsidiary Risk(s):</b>	

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**SECTION FIFTEEN: REGULATORY INFORMATION:**

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<b>Risk ( R ) Phrases:</b>	R 11- Highly Flammable R 20 - Harmful by inhalation R 22 - Harmful if swallowed R 38 - Irritating to skin R 52/53 - Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
<b>Safety Phrases:</b>	S 2 - Keep out of reach of children. S 16 - Keep away from sources of ignition - no smoking. S 24 - Avoid skin contact.

S 25 - Avoid contact with eyes.

S 29 - Do not empty into drains.

S 33 - Take precautionary measures against static discharges.

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**SECTION SIXTEEN: OTHER INFORMATION:**

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Alert workers to this hazardous potential and ensure precautions are taken. In cases of any discomfort, always seek medical advice.

OELS derived from OHS Act Regulations for dangerous chemical substances of 25 August 1995 (EH-42)

SAPMA Rating- South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)

All information is given in good faith but without guarantee in respect of accuracy

No responsibility is accepted for errors or omissions or the consequences thereof