

# MATERIAL SAFETY DATA SHEET



REVISION DATE: 25-11-2008

## Glass Frosting

### 1. IDENTIFICATION OF THE SUBSTANCE

PRODUCT NAME Glass Frosting

PRODUCT NO. C180B

APPLICATION Speciality Paint

SUPPLIER Master Distributors Pty Ltd

31 Dunlop Road

Mulgrave Vic 3170

EMERGENCY TELEPHONE - 03 9538 9200 (08:30am to 16:00pm Monday-Friday)

### 2. HAZARD IDENTIFICATION

Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION F+;R12. R52/53, R66, R67.

#### ENVIRONMENT

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

#### PHYSICAL AND CHEMICAL HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

#### HUMAN HEALTH

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Solvent abuse can kill

instantly.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	10-20%	F;R11 Xi;R36 R66 R67
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
ETHYLBENZENE	202-849-4	100-41-4	1-5%	F;R11 Xn;R20
ISOBUTANE	200-857-2	75-28-5	10-30%	F+;R12
PROPANE	200-827-9	74-98-6	10-30%	F+;R12
SOLVENT NAPHTHA, LIGHT AROMATIC	265-199-0	64742-95-6	10-20%	Xn;R65. Xi;R37. N;R51/53. R10,R66,R67.
XYLENE	215-535-7	1330-20-7	5-10%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

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## 4. F I R S T - A I D MEASURES

### GENERAL INFORMATION

Move the exposed person to fresh air at once.

### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped.

Keep the affected

person warm and at rest. Get prompt medical attention.

### INGESTION

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention if any discomfort continues.

### SKIN CONTACT

Wash skin with soap and water. Get medical attention if any discomfort continues.

### EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the

eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

## 5. F I R E - F I G H T I N G MEASURES

### EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

### SPECIAL FIRE FIGHTING PROCEDURES

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water

spray and remove container, if no risk is involved.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may

spread near ground to sources of ignition.

### SPECIFIC HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C.

## 6. A C C I D E N T A L RELEASE MEASURES

### PERSONAL PRECAUTIONS

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or

earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

## 7. H A N D L I N G AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations.

Avoid inhalation of

vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or

any incandescent material the aerosol vapours can be ignited.

### STORAGE PRECAUTIONS

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open

flame. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
ACETONE WEL	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>
BUTANE WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>
ETHYLBENZENE WEL	100 ppm(Sk)	441 mg/m <sup>3</sup> (Sk)	125 ppm(Sk)	552 mg/m <sup>3</sup> (Sk)
ISOBUTANE WEL	800 ppm	1930 mg/m <sup>3</sup>	No std.	
SOLVENT NAPHTHA, LIGHT AROMATIC SUP	600 mg/m <sup>3</sup>			
XYLENE WEL	50 ppm(Sk)	220 mg/m <sup>3</sup> (Sk)	100 ppm(Sk)	441 mg/m <sup>3</sup> (Sk)

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended

Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Aerosol

COLOUR Varying

ODOUR of solvents

PHYSICAL DATA

COMMENTS

Information given concerns the major ingredient. 23 Flammable gas.

FLASH POINT (°C) <-40°C AUTO IGNITION

TEMPERATURE (°C) 410-580

FLAMMABILITY LIMIT -LOWER(%)

1.8% FLAMMABILITY LIMIT -UPPER(%)9.5%

## 10. STABILITY AND REACTIVITY

STABILITY

Highly volatile.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

SKIN CONTACT

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

ROUTE OF ENTRY

Inhalation.

TARGET ORGANS

Central nervous system. Respiratory system, lungs.

MEDICAL SYMPTOMS

Narcotic effect. Vapours may cause drowsiness and dizziness.

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## 1 2. E C O L O G I C A L I N F O R M A T I O N ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Dangerous for the environment if discharged into watercourses. Do not allow to enter drains, sewers or watercourses.

## 1 3. D I S P O S A L C O N S I D E R A T I O N S DISPOSAL METHODS

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty.

Dispose of waste and residues in accordance with local authority requirements.

## 1 4. T R A N S P O R T I N F O R M A T I O N

PROPER SHIPPING NAME AEROSOLS

UN NO. ROAD 1950

ADR CLASS NO. 2, 5F ADR CLASS Class 2: Gases

ADR PACK GROUP # ADR LABEL NO. 2.1

CEFIC TEC(R) NO. 20G5F RID CLASS NO. 2, 5F

RID PACK GROUP # UN NO. SEA 1950

IMDG CLASS 2 IMDG PAGE NO. 2102

IMDG PACK GR. # EMS F-D, S-U

MARINE POLLUTANT No. UN NO. AIR 1950

AIR CLASS 2 AIR SUB CLASS 2.1

AIR PACK GR. #

## 1 5. R E G U L A T O R Y I N F O R M A T I O N

LABELLING

Extremely Flammable

RISK PHRASES

R12 Extremely flammable.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2 Keep out of the reach of children

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe vapour/spray.

S24 Avoid contact with skin.

S29 Do not empty into drains.

S51 Use only in well-ventilated areas.

A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

A2 Do not spray on a naked flame or any incandescent material.

### Poisons Schedule (Aust): S5

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

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## 1 6. O T H E R I N F O R M A T I O N

REVISION DATE 25-01-2008

DATE 25th January 2008

RISK PHRASES IN FULL

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R20 Harmful by inhalation.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R37 Irritating to respiratory system.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

## DISCLAIMER

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Master Distributors Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for the product as sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.