

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: IMAGE MATE BLOCKOUT RED 421 QT
MSDS Number: 070255
Revision Date: 3/30/05

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
Product Name: IMAGE MATE BLOCKOUT RED 421 QT
HMS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Company Identification: Franklin International
2020 Bruck Street
Columbus OH 43207

Contact: Franklin Technical Services
Telephone/Fax: (800) 877-4583 (614) 445-1493
Emergency Phone (24 Hour): Franklin Security
(614) 445-1300
Chemtrec (24 Hour): (800) 424-9300
Chemtrec International: (703) 527-3887

Product Class: BLOCKOUT
Product Use: IMAGE MATE BLOCKOUT
Product Code: 7025

Division: Polymer Products

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
1-Methoxy-2-Propanol	107-98-2	7.00

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: Eye, skin, and respiratory tract irritant. Avoid contact with eyes and skin. Avoid breathing vapors. Use only with adequate ventilation. Keep container closed when not in use. Keep away from heat, open flame and sunlight.

ROUTES OF ENTRY:

Ingestion: Yes
Inhalation: Yes
Skin: Yes
Eye: Yes

INHALATION:

Vapors and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

INGESTION:

No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

SKIN:

Prolonged or repeated skin contact can cause irritation. A single exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

EYE:

Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting skin and respiratory conditions.

CARCINOGENICITY:

ACGIH: No

IARC: No

NTP: No

OSHA: No

REPRODUCTIVE TOXICITY:

None currently known.

TARGET ORGANS:
Eyes, skin, and respiratory tract.

SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove patient to fresh air, if discomfort persists seek medical attention.

INGESTION:

Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

SKIN:

Remove contaminated clothing. Wash with soap and water. Contact a physician if irritation develops or persists.

EYE:

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Class (OSHA)

Flash Point: > 200 F
Setaflash
Explosive Range: Not Available

EXTINGUISHING MEDIA:

Use water spray/water fog for cooling.

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS:

Acrid smoke - fumes of carbon monoxide, carbon dioxide and perhaps other toxic vapors may be released during a fire involving this product.

FIRE FIGHTING PROCEDURES:

Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use inert absorbent to dike the spill. Keep away from drains.

CLEAN-UP:

If possible pump liquid into an approved container or spread absorbent over spill and shovel product/absorbent mixture into an approved container. If product has dried scrape up and place in an approved container.

EMERGENCY MEASURES:

Isolate hazard area. Keep unnecessary and unprotected personnel from entering area. Wear all appropriate personal protection equipment (PPE) (see Section 8).

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Wash thoroughly after handling.

Observe good personal and industrial hygiene practices.

Use only in well ventilated area.

Follow all MSDS/Label precautions even after container is emptied.

Containers may retain product residues and vapors.

Avoid prolonged or repeated contact with the skin.

Avoid breathing vapors from heated material.

STORAGE:

Store at temperatures between 50 F and 90 F.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
1-Methoxy-2-Propanol	100.00 PPM	N/est	150.00 PPM	N/est	N/est

ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.

OTHER:

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION:

No occupational exposure standards have been developed for the hazardous components of this material. Where exposure through inhalation may occur from use, NIOSH/MSHA approved respiratory protection equipment is recommended.

EYE PROTECTION:

Eye protection such as chemical splash goggles and/or face shield must be worn when the possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses should not be worn.

SKIN PROTECTION:

When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	RED
Odor:	MILD
Solubility (in water):	DISPERSIBLE
pH Value:	5.1
Boiling Range/Point:	210.0F - 212.0F
Evaporation Rate:	Slower than n-Butyl Acetate
% Volatile:	85.0%
Specific Gravity:	1.03
VOC:	7.0%

SECTION 10 - STABILITY AND REACTIVITY

Stability:	This product is stable
Hazardous Polymerization:	Hazardous polymerization will not occur

CONDITIONS TO AVOID:

None known.

INCOMPATIBILITY:

Strong acids and bases.

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Acrid smoke - fumes of carbon monoxide, carbon dioxide and perhaps other toxic vapors may be released during a fire involving this product.

SECTION 11 - TOXICOLOGICAL INFORMATION

This information is not available at this time.

SECTION 12 - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL:

Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number	N/A
UN Pack Group	N/A
UN Class	NON HAZ
ICAO/IATA Class	NON HAZARDOUS *(SEE NOTE)
IMDG Class	NON HAZARDOUS
Shipping Name	NON HAZARDOUS
ADR/RID Class	NON HAZARDOUS

Packaging may not be approved for shipping by air. Please contact Franklin International for further information.

SECTION 15 - REGULATORY INFORMATION

This information is either not available at this time or it is not applicable.

SECTION 16 - OTHER INFORMATION

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin International makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.