

Material Safety Data Sheet

Required under OSHA Safety and Health Regulations
for Shipyard Employment (29 CFR 1915)

U.S. Department of Labor
Occupational Safety and Health Administration

OMB No 1218-0074
Expiration Date 05/31/86

February 1986

MSDS # 0130

Section I

Manufacturer's Name

Coates Reprographics Inc.

Emergency Telephone Number

(717) 675-1131

Address (Number, Street, City, State, and ZIP Code)

Country Club Road

Chemical Name
and Synonyms

N/A

Trade Name
and Synonyms

Reversal Premix I.M.I.

Dallas, PA 18612

Chemical
Family

N/A

Formula

Section II - Hazardous Ingredients

See also attached MSDS for petroleum solvent.

	%	TLV (Units)	Alloys and Metallic Coatings	%	TLV (Units)
Paints, Preservatives, and Solvents			Base Metal		
Pigments			Alloys		
Catalyst			Metallic Coatings		
Vehicle			Filler Metal Plus Coating or Core Flux		
Solvents			Others		
Petroleum Solvent CAS# 64742-48-9	>99	300ppm			
Additives					
Others					

Hazardous Mixtures of Other Liquids, Solids or Gases

*A TLV has not been established for this product. The value shown here has been recommended by Exxon Corporation Medical Research based on consideration of available toxicological data.

Other ingredients not considered hazardous under the Federal Hazardous Communications Regulations.

Section III - Physical Data

Boiling Point (°F)	300-350	Specific Gravity (H ₂ O=1)	Approx.	0.75
Vapor Pressure (mm Hg) @ 25°C	< 10	Percent Volatile by Volume (%)		> 99%
Vapor Density (AIR=1)	5.0	Evaporation Rate n-butylacetate=1)		0.3

Solubility in Water

Negligible

Appearance and Odor

Black liquid mild isoparaffinic hydrocarbon odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	Approx. % by	LeI	Uel
Tag closed cup approx. 104° F (40°C)	vol. in air		0.8%	7.0%

Extinguishing Media

Foam dry chemical, water spray or mist, or CO₂

Special Fire Fighting Procedures

Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor or fumes.

Unusual Fire and Explosion Hazards

Do not mix or store with oxidants such as liquid chlorine or concentrated oxygen.

COMBUSTIBLE LIQUID

Section V - Health Hazard Data**Threshold Limit Value**

See Section II. Recommended exposure limit is 300 ppm for 8 hour workday.

Effects of Overexposure Long term, repeated exposure may cause kidney damage.

Inhalation of high vapor concentrations may have results ranging from dizziness and headaches to unconsciousness. Prolonged or repeated liquid contact with the skin will dry and defat the skin leading to irritation and dermatitis.

Emergency First Aid Procedures

If overcome by vapor, remove from exposure immediately; call a physician. If breathing is irregular or stopped, start resuscitation, administer oxygen. If ingested, DO NOT induce vomiting; call a physician. In case of skin contact, remove any contaminated clothing, and wash skin with soap and warm water. If splashed into the eyes, flush eyes with clear water for 15 minutes or until irritation subsides.

Section VI - Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable	X

Incompatibility (Materials to Avoid)

Strong oxidants like liquid chloride, concentrated oxygen, sodium- or calcium hypochlorite.

Hazardous Decomposition Products

Fumes, smoke and carbon monoxide, in the case of incomplete combustion.

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	X

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled Remove all ignition sources. Keep people away. Recover free liquid. Add absorbent (sand, earth, sawdust, etc.) to spill area. Avoid breathing vapors.

Ventilate confined spaces. Open all windows and doors. Keep petroleum products out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

Waste Disposal Method

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved disposal site or facility.

Section VIII - Special Protection Information

Respiratory Protection (Specify Type) Use hydrocarbon vapor canister or supplies - air respiratory protection in confined or enclosed spaces if needed.

Ventilation**Local Exhaust**

Face velocity > 60 fpm

Special

Use only with adequate* ventilation.

Mechanical (General)

Use explosion proof equipment

Other

No smoking or open lights

Protective Gloves

Use chemical-resistant gloves, if needed to avoid repeated or prolonged skin contact.

Eye Protection Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment

Use chemical-resistant apron or other clothing if needed to avoid repeated or prolonged skin contact.

Section IX - Special Precautions**Precautions to be Taken in Handling and Storing**

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants. Adequate* ventilation required.

*Adequate means equivalent to outdoors.

Other Precautions Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

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