



MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - September 1985

HMIS RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

IDENTITY:

MCB-01, MCB-05, & MCB-55

MOLD CLEANER

NFPA RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

Marketer's Name Must Appear Below

DOT Shipping

KEEP AWAY FROM FOOD, 1897, Class 6.1

Manufacturer's Name

Plastic Process Equipment, Inc.

Emergency Telephone Number

1-800-535-5053

Address

8303 Corporate Park Drive

Telephone Number for Information

1-216-367-7000

Macedonia, Ohio 44056

Date Prepared

10/18/07

Section 2- Hazardous Ingredients/Identity Information

Hazardous Components

(Specific Chemical Identity, Common Name(s))

Chemicals listed below are in PPM unless stated otherwise

	OSHA		ACGIH TLV		% Composition
	TWA	STEL	TWA	STEL	
	*Perchloroethylene (127-18-4)	100	N/A	25	

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

Section 3- Physical/Chemical Characteristics

Boiling Point (Range)	133°F to 250°F	Specific Gravity (H ₂ O = 1)	1.4
Vapor Pressure @ 70°F	N/A	Melting Point	N/A
Vapor Density (Air = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	> 1
Solubility in Water	Nil	Appearance and Odor	Clear/Solvent

Section 4- Fire and Explosion Hazard Data

Flash Point (Method Used)	-1°F TCC Based on Acetone	Flammable Limits	LEL 2.6	UEL 12.8
Extinguishing Media	Water fog, carbon dioxide, foam, dry chemical.			
Special Fire Fighting Procedures	Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.			
Unusual Fire and Explosion Hazards	Heated cans may burst.			

Section 5- Reactivity Data

Stability	Unstable		Conditions to Avoid High Temperatures
	Stable	X	
Incompatibility (Materials to Avoid) Strong oxidizers, strong acids, strong alkalis.			
Hazardous Decomposition or Byproducts In fire, will decompose to CO ₂ , halogen acids, water, phosgene.			
Hazardous Polymerization	May Occur		Conditions to Avoid None.
	Will not Occur	X	

Section 6- Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute & Chronic) May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver, or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. Eye irritation may be severe. May irritate respiratory tract. Overexposure to Toluene may cause nasal and brain damage. Perchloroethylene may cause spleen and brain damage. May cause cardiac abnormalities.			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
Presently, not on any list. This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Perchloroethylene is listed as a carcinogen per NTP and IARC.			
Signs and Symptoms of Exposure Inhalation- Difficulty in breathing. Skin- Redness. Ingestion- Vomiting.			
Medical Conditions Generally Aggravated by Exposure Generally aggravated by exposure: Heart disease, respiratory disorders.			
Emergency and First Aid Procedures Give oxygen. Do not induce vomiting. Wash eyes and skin for 15 minutes. Get medical help. Never administer adrenalin following overexposure.			

Section 7- Precautions for safe handling and use

Steps to be Taken in Case Material is Released or Spilled	Use absorbent sweeping compound to soak up material. Put into container.
Waste Disposal Method	Dispose as hazardous waste in accordance with EPA RCRA.
Precaution to be Taken in Handling and Storing	Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.
Other Precautions	When spraying more than 1/2 can continuously or more than 1 can consecutively, use NIOSH approved respirator.
NFPA 30B Level	N/A

Section 8- Control measures

Respiratory Protection (Specific Type) Self contained breathing apparatus if above TLV limit exceeding.			
Ventilation	Local Exhaust Yes	Special	None
	Mechanical (General) None	Other	None
Protective Gloves None required if spraying.		Eye Protection Wear eye protection.	
Other Protective Clothing or Equipment Long sleeve and long pants.			
Work/Hygienic Practices Do not smoke while using. Wash hands after use.			