

MATERIAL SAFETY DATA SHEET

Mastinox 6856K Yellow
FMI1059

Effective Date: 01/11/02

SECTION I - MANUFACTURER AND PRODUCT INFORMATION

PRC-DeSoto International, Inc.
A PPG Industries Company
5430 San Fernando Road
P.O. Box 1800
Glendale, CA 91209

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Emergency Phone: (800) 228-5635
CHEMTREC: (800) 424-9300

Trade Name: Mastinox 6856K Yellow
Base component
Product Code: FMI1059
Form ID No: V06
Product Class: Polyester resin in solvents
Synonyms:

HMIS HAZARD RATING
HEALTH - 3
FLAMMABILITY - 3
REACTIVITY - 1
PPE - H
None(0)--->Extreme(4)

SECTION II - COMPOSITION

INGREDIENTS INFORMATION

CAS NUMBER	Wt %	CHEMICAL IDENTITY
007789-06-2	10 - 30	Strontium Chromate
010294-40-3	10 - 30	Barium Chromate
001330-20-7	1 - 10	Xylene
000108-88-3	< 5	Toluene
007631-86-9	< 5	Silicon Dioxide
064742-49-0	< 5	Naphtha, petroleum, hydrotreated light

EXPOSURE LIMITS

CAS NUMBER	EXPOSURE LIMITS (ppm)				
	ACGIH TLVs		OSHA PELs		
	TWA	STEL	TWA	STEL	
007789-06-2	0.0005m/M3	N/E	0.10 mg/m3	N/E	S
010294-40-3	0.5 mg/m3	N/Av	0.5 mg/m3	N/Av	
001330-20-7	100	150	100	150	S
000108-88-3	50	N/E	100	N/E	S
007631-86-9	10 mg/m3	N/E	6 mg/m3	N/E	S
064742-49-0	N/E	N/E	N/E	N/E	

Footnotes

- (S) Occupational Exposure Standard
- (R) Supplier's Recommended Limit

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N/Av = Not Available N/Ap = Not Applicable
N.E. = Not Established NotknownXXX = CAS Number is not known.

SECTION III - HAZARDS IDENTIFICATION

Permissible Exposure Limits for Product:
Not established for product. See Section II.

ROUTE OF ENTRY AND EFFECTS OF OVEREXPOSURE

ROUTE OF ENTRY:

Inhalation and dermal.

INHALATION:

Vapor will irritate nose, throat and respiratory tract. High vapor concentration may cause dizziness, drowsiness and fatigue.

EYE CONTACT:

Vapor or substance is severely irritating to eyes and cause redness and tearing.

SKIN CONTACT:

Substance can cause severe skin irritation with drying, defatting, splitting and cracking on repeated contact.

INGESTION:

Substance can cause irritation of gastro-intestinal tract followed by nausea, vomiting and abdominal discomfort.

DELAYED EFFECTS:

Repeated overexposure may cause central nervous systems depression, and kidney/liver damage.

Contains an ingredient listed as known or suspected carcinogen?

NTP: Yes OSHA: No IARC: Yes

SECTION IV - FIRST AID MEASURES

INHALATION:

If inhaled, remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, transport to medical facility and, if available, give supplemental oxygen.

EYE CONTACT:

For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical

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attention.

SKIN CONTACT:

For skin contact, wipe excess material with dry towel. Then wash exposed areas with plenty of water, and soap if available, for several minutes. Get medical attention if irritation occurs.

INGESTION:

If swallowed dilute by giving two(2) glasses of water to drink. Get immediate medical attention. Never give anything by mouth to an unconscious person.

GENERAL:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

SECTION V - FIRE AND EXPLOSION HAZARD IDENTIFICATION

FLASHPOINT: 53 F 11.67 C

Method: PMCC

LEL (%): 1.1

UEL (%): N/Av

FLAMMABILITY CLASSIFICATION:

Flammable

FIRE AND EXPLOSION HAZARDS:

Decomposition and combustion products may be hazardous. High temperatures may cause pressure build-up in closed containers. Vapors may accumulate in inadequately ventilated or confined areas. Vapors may form explosive mixture with air. Vapors are heavier than air and may travel long distances. Flashback or flame to the handling site may occur. Closed containers may explode when exposed to extreme heat.

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical, foam.

FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. Cool fire exposed containers with water. Fog nozzles are preferable. Wear NIOSH/MSHA approved self-contained breathing apparatus and complete protective clothing to prevent contact with skin and eyes.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all ignition sources. Wear an air-supplied respirator for an unventilated spill. Dike and cover spill with non-oxidizable absorbent. Scoop into containers. Sprinkle sodium thiosulfate on the residue and work in. Scoop into disposal container. Clean up with water. Wear appropriate personal protective equipment (See Section VIII).

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container tightly closed . Isolate from heat, electrical equipment, sparks and flame. Use grounding and bonding procedures during transfer. Do not store above 120 degrees F. Vapors of this product are heavier than air and may collect in low or confined areas. Empty drums may contain explosive vapors. Do not cut, puncture, or weld on or near drum. Wear proper personal protective equipment (See Section VIII). Wash thoroughly after handling and before smoking or eating.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local and/or general ventilation as required to maintain hazardous ingredients below recommended (ACGIH-TLV) or regulated (OSHA-PEL) limits.

RESPIRATORY PROTECTION:

When spraying or applying in any circumstances likely to produce airborne levels of solvent vapors in excess of the TLV, use an organic vapor cartridge or air-supplied respirator.

EYE PROTECTION:

Chemical goggles or full-face shield.

SKIN PROTECTION:

Solvent resistant gloves.

GENERAL:

Safety shower, eye wash station and washing facilities should be available. When using in circumstances where skin contact is

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likely, use complete protective garments.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow
Physical State:	Viscous liquid
Low Boiling Point:	N/Av
High Boiling Point:	N/Av
Evaporation Rate:	Slower than n-butyl acetate
Vapor Density:	Heavier than air
% Volatiles by Volume:	15
Specific Gravity:	1.452
Liquid Density:	Heavier than water
Weight Per Gallon:	11.87
VOC (GR/L):	190
VOC (GR/L, Combined):	N/Av

SECTION X - STABILITY AND REACTIVITY

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITY:

Easily oxidizable materials.

CONDITIONS TO AVOID:

See incompatibilities above.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen, chromium compounds.

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SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE ORAL, DERMAL AND INHALATION EFFECTS (LD50 AND LC50):

CAS NUMBER	LD50	LC50
007789-06-2	3118 mg/kg,oral, rat	N/AV.
010294-40-3	N/Av	N/Av
001330-20-7	5400 mg/kg,oral, rat	6350 ppm, rat, 4hr.
000108-88-3	2600 mg/kg,oral, rat	8800 ppm, rat, 4hr.
007631-86-9	N/AV.	N/AV.
064742-49-0	N/Av	N/Av

Carcinogenicity:

Chromium Compounds (Strontium Chromate):

NTP and IARC have determined that there is sufficient evidence for the carcinogenicity of hexavalent chromium compounds both in humans and experimental animals. Prolonged or repeated inhalation of chromate containing mist or fume may cause ulceration and perforation of nasal septum. Prolonged inhalation may cause liver damaged. Prolonged or repeated eye contact may cause conjunctivitis and skin contact, especially with broken skin, may cause "chrome sores".

Chromium Compounds (Barium Chromate):

A potential lung health hazard may exist when chromate pigment dust levels exceed recommended & regulated levels. Prolonged exposure to large doses may be carcinogenic.

Symptoms may include tiredness, diminished appetite, metallic taste and stomach cramps, muscle weakness, intense headache. Kidney damage may occur without symptoms.

NOTICE:

There are no data available on the product itself.

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SECTION XII - ECOLOGICAL INFORMATION

NOTICE:

There are no data available on the product itself.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

When disposing of this material, ensure that it is packaged, stored, transported, and otherwise handled in accordance with local, state, and federal regulations.

EPA WASTE NUMBERS:

D-001 (Ignitable)
D-007 (Chromium)

SECTION XIV - TRANSPORT INFORMATION

DOT (Non-Bulk):

PROPER SHIPPING NAME: Paint
HAZARD CLASS: 3
UN NUMBER: UN 1263
PACKING GROUP: II
LABEL: Flammable liquid

SPECIAL NOTES:

None

SECTION XV - REGULATORY INFORMATION

TSCA Section 8(b) - Inventory Status:

All ingredients in this product are listed in the TSCA Inventory or are exempt from listing.

CANADIAN EPA - DSL Inventory Status:

The DSL status of this product is unknown at this time.

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SARA Title III Section 313 - Toxic Chemical List (TCL):

This product contains a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this product.

000108-88-3	Toluene
001330-20-7	Xylene
007789-06-2	Strontium Chromate
010294-40-3	Barium Chromate

SARA Title III Section 302 - CERCLA:

This product contains the following chemicals regulated under Section 302 as extremely hazardous substance(s) for emergency release notification (CERCLA List).

000108-88-3 Toluene	1000
001330-20-7 Xylene	1000
007789-06-2 Strontium Chromate	10

CALIFORNIA PROPOSITION 65 - Reportable ingredients:

Chemicals known by the state of CA to cause cancer:

This product contains the following chemical which is known to the state of California to cause cancer.

007789-06-2	Strontium Chromate
010294-40-3	Barium Chromate

Chemicals known by the state of CA to cause reproductive toxicity:

This product contains the following chemical which is known to the state of California to cause reproductive toxicity.

000108-88-3	Toluene
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TSCA Section 12(b) - Export Notification:

This product does not contain any chemicals subject to Section 12(b) export notification.

CLEAN AIR ACT - Hazardous Air Pollutants (CAA Section 112):

This product contains the following chemicals regulated under Section 112 for National Emission Standards of Hazardous Air Pollutants notification.

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000108-88-3 Toluene
001330-20-7 Xylene
007789-06-2 Strontium Chromate
010294-40-3 Barium Chromate

Pennsylvania Right to Know - Reportable Ingredients:

The following is required composition information. Also, review Section II for additional information for other chemicals.

000108-88-3 Toluene
001330-20-7 Xylene
007631-86-9 Silicon Dioxide
007789-06-2 Strontium Chromate

New Jersey Right to Know - Reportable Ingredients:

The following is required composition information. Also, review Section II for additional information for other chemicals.

000108-88-3 Toluene
001330-20-7 Xylene
007631-86-9 Silicon Dioxide
007789-06-2 Strontium Chromate
010294-40-3 Barium Chromate

SECTION XVI - OTHER INFORMATION

Effective Date: 01/11/02 Supersedes Date: 11/21/2000
Revision Number: 01
Revision Reason: New Format

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with the handling, storage, use or disposal of the product. Effects
can be aggravated by other materials and/or this material may
aggravate or add to the effects of other materials.

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