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**Barnes Distribution**

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(800) 726-9626**



**Material Safety Data Sheet**

**MSDS Form No. : 005848  
Item No. : BD1212, BD1212-1  
S(R\*)  
SEYMOUR(R\*)**

**MATERIAL SAFETY DATA SHEET**

**ACC. TO ISO/DIS 11014**

**REVISED ON: 06/27/2012**

**-----1 IDENTIFICATION OF SUBSTANCE -----**

**TRADE NAME: SAFETY BLUE**

**PRODUCT CODE: BD12120000**

**MANUFACTURER/SUPPLIER:  
SEYMOUR OF SYCAMORE  
917 CROSBY AVENUE  
SYCAMORE, IL 60178  
(815)-895-9101**

**WWW.SEYMOURPAINT.COM**

**EMERGENCY INFORMATION:  
CHEMTel: 1-800-255-3924, 813-248-0585 IF LOCATED OUTSIDE THE U.S.**

## -----2 COMPOSITION/DATA ON COMPONENTS -----

## CHEMICAL DESCRIPTION:

THIS PRODUCT IS A MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS ADDITIONS.

## DANGEROUS COMPONENTS:

67-64-1	ACETONE	19.89%
74-98-6	PROPANE	15.79%
106-97-8	n-BUTANE	9.27%
7727-43-7	BARIUM SULPHATE, NATURAL	8.39%
2807-30-9	GLYCOL ETHER EP	5.37%
108-10-1	METHYL ISOBUTYL KETONE	5.27%
13463-67-7	TITANIUM DIOXIDE	4.51%
107-87-9	METHYL PROPYL KETONE	3.42%
110-19-0	ISOBUTYL ACETATE	2.88%
1330-20-7	XYLENE (MIX)	2.51%
96-29-7	2-BUTANONE OXIME	0.11%

## -----3 HAZARDS IDENTIFICATION -----

## HAZARD INFORMATION FOR PEOPLE AND THE ENVIRONMENT:

EXTREMELY FLAMMABLE LIQUID AND VAPOR IN A PRESSURIZED CONTAINER. KEEP AWAY FROM  
HEAT, SPARKS, AND FLAME. HAS A NECROTIZING EFFECT.

## RISK PHRASES:

EXTREMELY FLAMMABLE.

IRRITATING TO EYES.

VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

## SAFETY PHRASES:

KEEP OUT OF THE REACH OF CHILDREN.

KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.

DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY.

DO NOT EMPTY INTO DRAINS, DISPOSE OF THIS MATERIAL AND ITS CONTAINER AT  
HAZARDOUS  
OR SPECIAL WASTE COLLECTION POINT.  
IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR  
LABEL.  
USE ONLY IN WELL-VENTILATED AREAS.

**EFFECTS OF CHRONIC OVEREXPOSURE:**

MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. REPEATED OVEREXPOSURE  
CAN ALSO DAMAGE KIDNEYS, LUNGS, LIVER, HEART, AND BLOOD. INTENTIONAL MISUSE  
BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**NFPA RATINGS (SCALE 0 - 4):**

HEALTH 1  
FIRE 4  
REACTIVITY 3

**HMIS-RATINGS (SCALE 0 - 4):**

HEALTH 1  
FIRE 4  
PHYSICAL HAZARD 3

**-----4 FIRST AID MEASURES -----**

AFTER INHALATION: SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.

**AFTER SKIN CONTACT:**

REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER.

**AFTER EYE CONTACT:**

MOVE TO FRESH AIR. RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING  
WATER. IF  
SYMPTOMS PERSIST, CONSULT A DOCTOR.

AFTER SWALLOWING: CONTACT PHYSICIAN OR POISON CONTROL CENTER.

**-----5 FIRE FIGHTING MEASURES -----****EXTINGUISHING AGENTS:**

CO<sub>2</sub>, SAND, EXTINGUISHING POWDER, OR WATER SPRAY. FIGHT LARGER FIRES WITH  
WATER  
SPRAY OR ALCOHOL RESISTANT FOAM.

PROTECTIVE EQUIPMENT: NO SPECIAL MEASURES REQUIRED.

-----6 ACCIDENTAL RELEASE MEASURES -----

PERSONAL SAFETY PRECAUTIONS:

WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY.

ENVIRONMENTAL SAFETY PRECAUTIONS:

DO NOT ALLOW PRODUCT TO REACH SEWAGE SYSTEMS OR GROUND WATER.

MEASURES FOR CLEANING/COLLECTING: ENSURE ADEQUATE VENTILATION.

-----7 HANDLING AND STORAGE -----

FIRE/EXPLOSION PROTECTION:

DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL. DO NOT SMOKE.  
PROTECT FROM ELECTROSTATIC DISCHARGES.

STORAGE REQUIREMENTS:

OBSERVE PRESSURIZED CONTAINER STORAGE REGULATIONS. CONSULT WITH YOUR LOCAL  
AUTHORITIES.

-----8 EXPOSURE CONTROLS AND PERSONAL PROTECTION -----

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

67-64-1 ACETONE:

PEL: 2400 MG/M3, 1000 PPM

REL: 590 MG/M3, 250 PPM

TLV:

SHORT-TERM VALUE: 1782 MG/M3, 750 PPM

LONG-TERM VALUE: 1188 MG/M3, 500 PPM

BEI

74-98-6 PROPANE:

PEL: 1800 MG/M3, 1000 PPM

REL: 1800 MG/M3, 1000 PPM

TLV: VARIES MG/M3, 1000 PPM

106-97-8 n-BUTANE:

REL: 1900 MG/M3, 800 PPM

TLV: VARIES MG/M3, 1000 PPM

7727-43-7 BARIUM SULPHATE, NATURAL:

PEL:

15\* 5\*\* MG/M3

\*TOTAL DUST \*\*RESPIRABLE FRACTION

REL:

10\* 5\*\* MG/M3

\*TOTAL DUST \*\*RESPIRABLE FRACTION

TLV:

10 MG/M3

E

108-10-1 METHYL ISOBUTYL KETONE:

PEL: 410 MG/M3, 100 PPM

REL:

SHORT-TERM VALUE: 300 MG/M3, 75 PPM

LONG-TERM VALUE: 205 MG/M3, 50 PPM

TLV:

SHORT-TERM VALUE: 307 MG/M3, 75 PPM

LONG-TERM VALUE: (205) NIC-123 MG/M3, (50) NIC-30 PPM

BEI; NIC-A3

107-87-9 METHYL PROPYL KETONE:

PEL: 700 MG/M3, 200 PPM

REL: 530 MG/M3, 150 PPM

TLV:

SHORT-TERM VALUE: 529 MG/M3, 150 PPM

110-19-0 ISOBUTYL ACETATE:

PEL: 700 MG/M3, 150 PPM

REL: 700 MG/M3, 150 PPM

TLV: 713 MG/M3, 150 PPM

1330-20-7 XYLENE (MIX):

PEL: 435 MG/M3, 100 PPM

REL:

SHORT-TERM VALUE: 655 MG/M3, 150 PPM

LONG-TERM VALUE: 435 MG/M3, 100 PPM

TLV:

SHORT-TERM VALUE: 651 MG/M3, 150 PPM

LONG-TERM VALUE: 434 MG/M3, 100 PPM

BEI

HYGIENIC PROTECTION:

KEEP AWAY FROM FOODSTUFFS AND ANIMAL FEED. WASH HANDS AFTER USE.

BREATHING EQUIPMENT:

A RESPIRATOR IS GENERALLY NOT NECESSARY WHEN USING THIS PRODUCT OUTDOORS OR IN LARGE OPEN AREAS. IN CASES WHERE SHORT AND/OR LONG TERM OVEREXPOSURE EXISTS, A

CHARCOAL FILTER RESPIRATOR SHOULD BE WORN. IF YOU SUSPECT OVEREXPOSURE CONDITIONS

EXIST, PLEASE CONSULT AN AUTHORITY ON CHEMICAL HYGIENE.

HAND PROTECTION:

PROTECTIVE GLOVES. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE SUBSTANCE. NO GLOVE RECOMMENDATION CAN BE GIVEN.

EYE PROTECTION: TIGHTLY SEALED GOGGLES.

-----9 PHYSICAL AND CHEMICAL PROPERTIES -----

ODOR: AROMATIC

PH VALUE: NOT DETERMINED.

BOILING POINT/BOILING RANGE: -44 DEG. C (-47 DEG. F)

FLASH POINT: -19 DEG. C (-2 DEG. F)

FLAMMABILITY (SOLID, GASEOUS): NOT APPLICABLE.

AUTO IGNITING: PRODUCT IS NOT SELF-IGNITING.

DANGER OF EXPLOSION:

STABLE AT NORMAL TEMPERATURES. CAN MAY BURST WHEN EXPOSED TO TEMPERATURES EXCEEDING 120 DEGREES FAHRENHEIT.

IN USE, MAY FORM FLAMMABLE/EXPLOSIVE VAPOR-AIR MIXTURE.

LOWER EXPLOSION LIMIT: 1.7 VOL %

UPPER EXPLOSION LIMIT: 10.9 VOL %

VAPOR PRESSURE: 40 PSI, 2750 HPA

DENSITY AT 20 DEG. C: 0.84921 G/CM3

SPECIFIC GRAVITY: BETWEEN 0.77 AND 0.85 (WATER EQUALS 1.00)

VOC CONTENT: 499.4 G/L / 4.17 LB/GL

VOC CONTENT (LESS EXEMPT SOLVENTS): 46.3 %

MIR VALUE: 1.11

SOLIDS CONTENT: 33.2 %

OTHER INFORMATION: NO FURTHER RELEVANT INFORMATION AVAILABLE.

-----10 STABILITY AND REACTIVITY -----

CONDITIONS TO BE AVOIDED:

DO NOT ALLOW THE CAN TO EXCEED 120 DEGREES FAHRENHEIT. STABLE AT NORMAL TEMPERATURES.

POSSIBILITY OF HAZARDOUS REACTIONS: NO DANGEROUS REACTIONS KNOWN.

HAZARDOUS DECOMPOSITION: NO DANGEROUS DECOMPOSITION PRODUCTS KNOWN.

-----11 TOXICOLOGICAL INFORMATION -----

SKIN EFFECTS: NO IRRITANT EFFECT.

EYE EFFECTS: IRRITATING EFFECT.

SENSITIZATION: NO SENSITIZING EFFECTS KNOWN.

ADDITIONAL TOXICOLOGICAL INFORMATION:

CARCINOGENIC CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)

108-10-1: METHYL ISOBUTYL KETONE 2B

13463-67-7: TITANIUM DIOXIDE 2B

1330-20-7: XYLENE (MIX) 3

NTP (NATIONAL TOXICOLOGY PROGRAM):

NONE OF THE INGREDIENTS IS LISTED.

-----12 ECOLOGICAL INFORMATION -----

ACQUATIC TOXICITY: HAZARDOUS FOR WATER, DO NOT EMPTY INTO DRAINS.

OTHER INFORMATION:

THIS PRODUCT DOES NOT CONTAIN ANY CHLOROFLUOROCARBONS (CFC'S), HYDROCHLOROFLUOROCARBONS (HCFC'S), PERFLUOROCARBONS (PFC'S), OR CHLORINATED SOLVENTS.

## -----13 DISPOSAL CONSIDERATIONS -----

## DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE, OR COMPACT. PARTIALLY EMPTY CANS MUST BE DISPOSED OF RESPONSIBLY. DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCHES.

RECOMMENDATION: COMPLETELY EMPTY CANS SHOULD BE RECYCLED.

## -----14 TRANSPORT INFORMATION -----

UN-NUMBER: UN1950

DOT: CONSUMER COMMODITY ORM-D

CLASS: 2.1

MARINE POLLUTANT: NO

EMS NUMBER: F-D, S-U

PACKAGING GROUP: --

## -----15 REGULATIONS -----

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

NONE OF THE INGREDIENTS IN THIS PRODUCT ARE LISTED.

SARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

108-10-1	METHYL ISOBUTYL KETONE
1336-20-7	XYLENE (MIX)

TSCA (TOXIC SUBSTANCES CONTROL ACT): ALL INGREDIENTS ARE LISTED.

CPSC: THIS PRODUCT COMPLIES WITH 16 CFR 1303 AND DOES NOT CONTAIN MORE THAN 90 PPM OF LEAD.

CALIFORNIA PROPOSITION 65 CHEMICALS KNOWN TO CAUSE CANCER:

108-10-1	METHYL ISOBUTYL KETONE
100-41-4	ETHYL BENZENE
1333-86-4	CARBON BLACK

EPA:

67-64-1	ACETONE	I
108-10-1	METHYL ISOBUTYL KETONE	II
110-19-0	ISOBUTYL ACETATE	D
1330-20-7	XYLENE (MIX)	I

ACGIH:

67-64-1	ACETONE	A4
13463-67-7	TITANIUM DIOXIDE	A4



110-19-0	ISOBUTYL ACETATE	A4
1330-20-7	XYLENE (MIX)	A4

## NIOSH:

13463-67-7	TITANIUM DIOXIDE
1333-86-4	CARBON BLACK

## -----16 OTHER INFORMATION -----

THIS PRODUCT WAS MANUFACTURED IN THE U.S.A. THE INFORMATION ON THIS SHEET IS BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, THIS SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL NOT ESTABLISH A LEGALLY VALID CONTRACTUAL RELATIONSHIP.

CONTACT: REGULATORY AFFAIRS

## ABBREVIATIONS AND ACRONYMS:

IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
ISO: International Organization for Standardization  
EPA: Environmental Protection Agency  
IARC: International Agency for the Research of Cancer  
NIOSH: National Institute for Occupational Safety and Health  
TSCA: Toxic Substances Control Act  
CPSC: Consumer Product Safety Commission  
USA