

MSDS
ORDER NO: RELEASE NO: MSDS NO:

B A R N E S D I S T R I B U T I O N

Synonyms: BD1347 BD1347-1
S(R*)
SEYMOUR(R*)

MATERIAL SAFETY DATA SHEET
ACC. TO ISO/DIS 11014

PRINTING DATE: 04/25/2011

REVISED ON: 04/25/2011

-----1 IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER -----

TRADE NAME: ORANGE

PRODUCT NUMBER: BD13470000

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

WWW.SEYMOURPAINT.COM

EMERGENCY TELEPHONE NUMBER:
CHEMTEL: 1-800-255-3924, 813-248-0585

IF LOCATED OUTSIDE THE U.S.

-----2 COMPOSITION/INFORMATION ON INGREDIENTS -----

CHEMICAL DESCRIPTION:
THIS PRODUCT IS A MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS
ADDITION.

DANGEROUS COMPONENTS:

67-64-1	ACETONE	37.21%
74-98-6	PROPANE	15.71%
108-88-3	TOLUENE	11.68%
106-97-8	n-BUTANE	9.23%
107-87-9	METHYL PROPYL KETONE	3.45%
108-65-6	PM ACETATE	2.84%
2807-30-9	GLYCOL ETHER EP	1.52%

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

HAZARD INFORMATION:

EXTREMELY FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT, SPARKS, AND FLAME.

HAS NARCOTIZING EFFECT.

RISK PHRASES:

EXTREMELY FLAMMABLE.

IRRITATING TO EYES.

HARMFUL:

DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION.

SAFETY PHRASES:

KEEP OUT OF THE REACH OF CHILDREN.

KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.

DO NOT BREATHE GAS/FUMES/VAPOR/SPRAY.

DO NOT EMPTY INTO DRAINS, DISPOSE OF THIS MATERIAL AND ITS CONTAINER AT

HAZARDOUS OR SPECIAL WASTE COLLECTION POINT WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

USE ONLY IN WELL-VENTILATED AREAS.

SPECIAL PRECAUTIONS:

DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL.

BUILDUP OF EXPLOSIVE MIXTURES POSSIBLE WITHOUT SUFFICIENT VENTILATION.

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 (0 - 4):

HEALTH 1

FIRE 4

REACTIVITY 3

HMIS-RATINGS (0 - 4):

HEALTH 1

FIRE 4

PHYSICAL HAZARD 3

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-----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.

AFTER SWALLOWING: CONTACT PHYSICIAN OR POISON CONTROL CENTER.

-----5 FIREFIGHTING MEASURES -----

EXTINGUISHING AGENTS: CO2, SAND, EXTINGUISHING POWDER, OR WATER SPRAY.

SPECIAL HAZARDS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

PROTECTIVE EQUIPMENT: NO SPECIAL MEASURES REQUIRED.

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

PERSONAL SAFETY PROCEDURES:
WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY.

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

ADDITIONAL PRECAUTIONS: 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/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

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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

108-88-3 TOLUENE:

PEL:
SHORT-TERM VALUE: C 300; 500* PPM
LONG-TERM VALUE: 200 PPM

*10-MIN PEAK PER 8-HR SHIFT

REL:
SHORT-TERM VALUE: 560 MG/M3, 150 PPM
LONG-TERM VALUE: 375 MG/M3, 100 PPM

TLV: 75 MG/M3, 20 PPM
NIC-BEI

106-97-8 n-BUTANE:
REL: 1900 MG/M3, 800 PPM
TLV: VARIES MG/M3, 1000 PPM

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

108-65-6 PM ACETATE:
WEEL: 50 PPM

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.

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EYE PROTECTION: TIGHTLY SEALED GOGGLES

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

ODOR: AROMATIC

pH-VALUE: NOT DETERMINED.

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

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

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

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

VOC CONTENT: 537.6 G/L / 4.49 LB/GL

VOC CONTENT (LESS EXEMPT SOLVENTS): 45.9%

SOLIDS CONTENT: 16.7%

OTHER INFORMATION: NO FURTHER RELEVANT INFORMATION AVAILABLE.

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

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

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.

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

RECOMMENDATION: COMPLETELY EMPTY CANS SHOULD BE RECYCLED.

SPECIAL MARKING: CONSUMER COMMODITY ORM-D

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SARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

108-88-3 TOLUENE

TSCA: 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:

100-41-41 ETHYL BENZENE

CALIFORNIA PROPOSITION 65:

CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:

108-88-3 TOLUENE

CANADIAN ENVIRONMENTAL:

PROTECTION ACT:
ALL HAZARDOUS INGREDIENTS FOR THIS PRODUCT APPEAR ON THE CANADIAN DOMESTICE
SUBSTANCE LIST.

EPA:
A = KNOWN HUMAN CARCINOGEN

B = PROBABLE HUMAN CARCINOGEN

C = POSSIBLE HUMAN CARCINOGEN

D = NOT CLASSIFIABLE AS TO HUMAN CARCINOGENICITY:
INADEQUATE HUMAN AND ANIMAL EVIDENCE OF CARCINOGENICITY (OR NO DATA IS
AVAILABLE).

I: 'DATA ARE INADEQUATE FOR AN ASSESSMENT OF HUMAN CARCINOGENI POTENTIAL.'
II: 'INADEQUATE INFORMATION TO ASSESS CARCINOGENIC POTENTIAL.'

67-64-1 ACETONE I

108-88-3 TOLUENE II

IARC:
GROUP 2A: THE INGREDIENT IS PROBABLY CARCINOGENIC TO HUMANS.

GROUP 2B:
THE INGREDIENT IS POSSIBLY CARCINOGENIC TO HUMANS. THERE IS LIMITED
EVIDENCE OF CARCINOGENICITY.

GROUP 3:

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THE INGREDIENT IS UNCLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS.

108-88-3 TOLUENE 3

ACGIH:
A1-DESIGNATES A CONFIRMED HUMAN CARCINOGEN.
A2-DESIGNATES A SUSPECTED HUMAN CARCINOGEN.
A3-DESIGNATES AN ANIMAL CARCINOGEN.
A4-DESIGNATES "NOT CLASSIFIABLE AS A HUMAN CARCINOGEN".

67-64-1 ACETONE A4

108-88-3 TOLUENE A4

NIOSH:

13463-67-7 TITANIUM DIOXIDE

HAZARD SYMBOLS:
HARMFUL
EXTREMELY FLAMMABLE

-----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:
GHS: GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS
CAS: CHEMICAL ABSTRACTS SERVICE (DIVISION OF THE AMERICAN CHEMICAL SOCIETY)
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION (USA)
VOC: VOLATILE ORGANIC COMPOUNDS (USA, EU)
IMDG: INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS
DOT: US DEPARTMENT OF TRANSPORTATION
HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (USA)
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