

===== MSDS
Safety Information
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FSC: 8010 **MSDS Date:** 11/01/1995 **MSDS Num:** CHBCV

Submitter: N NF **LIIN:** 00N085168 **Tech Review:** 01/29/2002 **Status CD:** C

Product ID: SHER-LINER STRIPING PAINT, 160-0014, HIGHWAY YELLOW **MFN:** 01

Article: N **Kit Part:** N

Cage:
Responsible Party 54636

Name:
SHERWIN-WILLIAMS CO

Address:
101 PROSPECT AVE NW

City: CLEVELAND **State:** OH **Zip:** 44115

Country:
US

Info Phone Number:
216-566-2902

Emergency Phone Number:
216-566-2917

Radioactive Ind:
N

Preparer's Name:
N/P

Proprietary Ind: N **Review Ind:** N

Published: Y **Special Project CD:** N

===== Contractor
Summary =====

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Cage: 54636 **Name:** SHERWIN-WILLIAMS CO THE

Address: 101 PROSPECT AVE NW **City:** CLEVELAND **State:** OH **Zip:** 44115-1042

Country: US **Phone:** 800-251-2486/216-566-2242

===== Ingredients
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Cas: 74-98-6

M

TX2275000

M

Code:

RTECS #:

Code:

Name: PROPANE (PROPELLANT), VP:760.

% Text: 10

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

1000 PPM

Code: M OSHA STEL:

Code:

ACGIH TLV: ASPHYXIAN

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 106-97-8

M

EJ4200000

M

Code:

RTECS #:

Code:

Name: BUTANE (PROPELLANT), VP:760.

% Text: 10

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

800 PPM

Code: M OSHA STEL:

Code:

ACGIH TLV: 800 PPM

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 64742-89-8

M

X

Code:

RTECS #:

Code:

Name: V.M. & P. NAPHTHA, VP:12.

% Text: 2

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

300 PPM;400 PPM(MFR)

Code: M OSHA
STEL:

Code:

ACGIH TLV: 300 PPM (MFR)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 100-41-4

M

DA0700000

M

Code:

RTECS #:

Code:

Name: BENZENE, ETHYL-, (ETHYLBENZENE) (SARA 313). VP:7.1.

% Text: 2

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

100 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: 100 PPM;125 STEL

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty: 1000 LBS

DOT 1000 LBS
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 1330-20-7

M

ZE2100000

M

Code:

RTECS #:

Code:

Name: XYLENE (SARA 313) (CERCLA). VP:5.9.

% Text: 14

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

100 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: 100 PPM;150 STEL

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty: 1000 LBS

DOT 1000 LBS
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 67-56-1

M

PC140000

M

Code:

RTECS #:

Code:

Name: METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA). VP:92.

% Text: 2

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

200 PPM, S

Code: M OSHA
STEL:

Code:

ACGIH TLV: 200 PPM;250 STEL, S

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty: 5000 LBS

DOT 5000 LBS
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 67-64-1

M

AL315000

M

Code:

RTECS #:

Code:

Name: ACETONE (SARA 313) (CERCLA). VP:180.

% Text: 16

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

1000 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: 750 PPM;1000 STEL

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty: 5000 LBS

DOT 5000 LBS
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 471-34-1

M

FF933500

M

Code:

RTECS #:

Code:

Name: CARBONIC ACID, CALCIUM SALT (1:1); (CALCIUM CARBONATE). OSHA PEL:15 MG/M3; 5 MG/M3
RDUST (MFR).

% Text: 9

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

SEE INGREDIENT

Code: M OSHA STEL:

Code:

ACGIH TLV: 10 MG/M3 (MFR)

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 7727-43-7

M

CR0600000

M

Code:

RTECS #:

Code:

Name: BARIUM SULFATE

% Text: 11

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

15 MG/M3 TDUST

Code: M OSHA STEL:

Code:

ACGIH TLV: 10 MG/M3 TDUST

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

N

Cas: 13463-67-7

M

XR2275000

M

Code:

RTECS #:

Code:

Name: TITANIUM OXIDE; (TITANIUM DIOXIDE)

% Text: 3

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

15 MG/M3 TDUST

Code: M OSHA STEL:

Code:

ACGIH TLV: 10 MG/M3 TDUST

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt

Qty:

Ozone Depleting Chemical:

N

Cas:

X

X

Code:

RTECS #:

Code:

Name: BARIUM COMPOUND (CONTAINING 6.6% BARIUM)

% Text: 11

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

N/K (FP N)

Code: M OSHA STEL:

Code:

ACGIH TLV: N/K (FP N)

Code: M ACGIH N/P STEL:

Code:

EPA Rpt Qty:

DOT Rpt Qty:

Ozone Depleting Chemical:

Hazards Data

Health

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LD50 LC50 Mixture

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds – Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds – NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

EXPOS MAY BE BY INHAL &/OR SKIN/EYE CONT, DEPENDING ON CNDTNS OF USE. TO MIN EXPOS, FOLLOW RECS FOR PROPER USE, VENT & PPE. ACUTE: IRRIT OF EYES, SKIN & RESP SYS. MAY CAUSE NERV SYS DEPRESS. EXTREME OV EREXP MAY RSLT IN UNCON & POSS DEATH. HDCH, DIZZ, NAUS & LOSS OF COORD ARE INDICATIONS OF EXCESSIVE (EFTS OF OVEREXP)

Explanation Of Carcinogenicity

NOT RELEVANT

Signs And Symptions Of Overexposure

HLTH HAZ: EXPOS TO VAPS/SPRAY MIST. REDNESS & ITCH/BURNING SENSATION MAY INDICATE EYE/EXCESSIVE SKIN EXPOS. CHRONIC: PRLNG OVEREXP TO SOLV INGS MAY CAUSE ADVERSE EFTS TO LIVER, URINARY, REPRO & CARDIO-V ASCULAR SYS. RATS EXPOS TO TITANIUM DIOXIDE DUST AT 250 MG/M3 DEVEL LUNG CANCER, HOWEVER, SUCH EXPOS LEVELS ARE NOT ATTAINABLE IN WORKPLACE. RPTS HAVE ASSOC RPTD & PRLNG OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. INTENTIONAL MISUSE BY DELIB CONC & INHAL CONTENTS CAN BE HARMFUL/FATAL. WARNING: PROD CONTAINS CHEM(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER (CAL PROP 65).

Medical Cond Aggravated By Exposure

NONE GENERALLY RECOGNIZED.

First Aid

INHAL:REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM & QUIET. SKIN:WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDR BEFORE RE-USE. EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INGEST:SEEK MEDICAL ATTENTION.

Spill Release Procedures

REMOVE ALL SOURCES OF IGNITION. VENTILATE & REMOVE W/INERT ABSORBENT.

Neutralizing Agent

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods

WASTE FROM THESE PRODUCTS MAY BE HAZARDOUS AS DEFINED UNDER THE RCRA (40 CFR 261). WASTE MUST BE TESTED FOR IGNITABILITY TO DETERM APPLIC EPA HAZ WASTE NUMBER. DO NOT INCIN. DEPRESSURIZE CNTNR. DISP O F I/A/W FED, STATE & LOC REGS REGARDINGPOLLUTION.

Handling And Storage Precautions

DOL STOR CATEGORY-1A. CONTENTS ARE EXTREMELY FLAMM. KEEP AWAY FROM HEAT, SPKS & OPEN FLAME. VAPS WILL ACCUM READILY & MAY IGNITE EXPLOSIVELY.

Other Precautions

DURING USE & UNTIL ALL VAPS ARE GONE:KEEP AREA VENTED; DO NOT SMOKE; EXTING ALL FLAMES, PILOT LIGHTS & HEATERS; TURN OFF STOVES, ELEC TOOLS & APPLIANCES & ANY OTHER SOURCES OF IGNIT. CONSULT NFPA CODE . USE APPRVD BONDING & GROUNDING PROCS. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER & OTHER HEA T SOURCES (SUPDAT)

Explosion Hazard Information

Fire and

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Flash Point Method:

N/P

Flash Point:

Flash Point Text: <0F,<-18C

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: 0.7%

Upper Limits: 12.8%

Extinguishing Media

CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

Fire Fighting Procedures

USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N). WATER SPRAY MAY BE INEFT. IF WATER IS USED, FOG NOZZ ARE PREF. WASTE MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT.

Unusual Fire/Explosion Hazard

EXTREMELY FLAMM. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. APPLICATION TO HOT SURFS REQS SPECIAL PRECS. DURING EMER CNDTNS OVEREXP TO DECOMP PRODS MAY CAUSE HLTH HAZ. SYMPS MAY NOT BE IMMED APPARENT. OBTAIN MED ATTN.

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Respiratory Protection

IF PERSONAL EXPOS CANNOT BE CONTROLLED BELOW APPLIC LIMS BY VENT, WEAR A PROPERLY FITTED NIOSH APPRVD ORG VAP/PARTICULATE RESP FOR PROT AGAINST INGS. WHEN SANDING/ABRADING DRIED FILM, WEAR NIOSH APPRVD DUST/MIST RESP FOR DUST WHICH MAY BE GENERATED FROM THIS PROD, UNDERLYING PAINT/ABRASIVE.

Ventilation

LOC EXHST PREF. GEN EXHST ACCEPT IF EXPOS TO INGS IS MAINTAINED BELOW APPLIC EXPOS LIMS. REFER TO OSHA STDS 1910.94, 1910.107, 1910.108.

Protective Gloves

CHEMICAL RESISTANT GLOVES.

Eye Protection

ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment

EYE WASH FOUNTAIN DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices

WASH HANDS AFTER USING.

Supplemental Safety and Health

OTHER PRECS: COULD CAUSE CNTNR TO BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. USE ONLY W/ADEQ VENT. AVOID BRTHG VAP & SPRAY MIST. AVOID CONT W/SKIN &

EYES. THESE COATINGS MAY CONTAIN MATERIALS CLASSIFIED AS NUISANCE PARTICULATES WHICH MAY BE PRESENT AT HAZARDOUS LEVELS ONLY DURING SANDING/ABRASION OF (OTHER INFO)

Physical/Chemical Properties

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HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: <325F,<163C

Melt/Freeze Pt:

M.P/F.P Text: N/A

Decomp Temp:

Decomp Text: N/K

Vapor Pres: SEE INGS

Vapor Density: HVR/AIR

Volatile Org Content %: 56

Spec Gravity: N/A

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: FASTER THAN ETHER

Solubility in Water: NOT APPLICABLE

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume: >75

Corrosion Rate: N/K

Reactivity Data

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Stability Indicator:

YES

Stability Condition To Avoid: NONE KNOWN.

Materials To Avoid: NONE KNOWN.

Hazardous Decomposition Products: BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF METALS IN INGREDIENTS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NOT RELEVANT

Label Required IND:

Y

Date Of Label Review: 04/22/1998

Status Code: C

MFG Label NO:

Label Date: 04/22/1998

Year Procured:

Origination Code:

M

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection YES
IND:

Health Hazard:

Moderate

Contact Hazard: Slight

Fire Hazard:

Severe

Reactivity Hazard: None

Hazard And Precautions

EXTREMELY FLAMMABLE. ACUTE:IRRITATION OF EYES, SKIN AND RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. HEADACHE, DIZZINESS, NAUSEA AND LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE. CHRONIC:ADVERSE EFFECTS TO LIVER, URINARY, REPRODUCTIVE AND CARDIOVASCULAR SYSTEMS. PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

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