

SHERWIN-WILLIAMS -- SHER-LINER STRIPING PAINT, 160-0014, HIGHWAY YELLOW
MATERIAL SAFETY DATA SHEET
NSN: 801000N085168
Manufacturer's CAGE: 54636
Part No. Indicator: A
Part Number/Trade Name: SHER-LINER STRIPING PAINT, 160-0014, HIGHWAY YELLOW

General Information

Company's Name: SHERWIN-WILLIAMS CO
Company's Street: 101 PROSPECT AVE NW
Company's City: CLEVELAND
Company's State: OH
Company's Country: US
Company's Zip Code: 44115
Company's Emerg Ph #: 216-566-2917
Company's Info Ph #: 216-566-2902
Safety Data Action Code: A
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01NOV95
Safety Data Review Date: 22APR98
MSDS Serial Number: CHBCV

Ingredients/Identity Information

Proprietary: NO
Ingredient: PROPANE (PROPELLANT). VP:760.
Ingredient Sequence Number: 01
Percent: 10
Ingredient Action Code: A
NIOSH (RTECS) Number: TX2275000
CAS Number: 74-98-6
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN

Proprietary: NO
Ingredient: BUTANE (PROPELLANT). VP:760.
Ingredient Sequence Number: 02
Percent: 10
Ingredient Action Code: A
NIOSH (RTECS) Number: EJ4200000
CAS Number: 106-97-8
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

Proprietary: NO
Ingredient: V.M. & P. NAPHTHA. VP:12.
Ingredient Sequence Number: 03
Percent: 2
Ingredient Action Code: A
NIOSH (RTECS) Number: 1003161VN
CAS Number: 64742-89-8
OSHA PEL: 300 PPM;400 PPM(MFR)
ACGIH TLV: 300 PPM (MFR)

Proprietary: NO
Ingredient: BENZENE, ETHYL-; (ETHYLBENZENE) (SARA 313). VP:7.1.
Ingredient Sequence Number: 04
Percent: 2
Ingredient Action Code: A
NIOSH (RTECS) Number: DA0700000

CAS Number: 100-41-4
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM;125 STEL

Proprietary: NO
Ingredient: XYLENE (SARA 313) (CERCLA). VP:5.9.
Ingredient Sequence Number: 05
Percent: 14
Ingredient Action Code: A
NIOSH (RTECS) Number: ZE2100000
CAS Number: 1330-20-7
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM;150 STEL

Proprietary: NO
Ingredient: METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA). VP:92.
Ingredient Sequence Number: 06
Percent: 2
Ingredient Action Code: A
NIOSH (RTECS) Number: PC1400000
CAS Number: 67-56-1
OSHA PEL: 200 PPM, S
ACGIH TLV: 200 PPM;250 STEL, S

Proprietary: NO
Ingredient: ACETONE (SARA 313) (CERCLA). VP:180.
Ingredient Sequence Number: 07
Percent: 16
Ingredient Action Code: A
NIOSH (RTECS) Number: AL3150000
CAS Number: 67-64-1
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM;1000 STEL

Proprietary: NO
Ingredient: CARBONIC ACID, CALCIUM SALT (1:1); (CALCIUM CARBONATE). OSHA
PEL:15 MG/M3; 5 MG/M3 RDUST (MFR).
Ingredient Sequence Number: 08
Percent: 9
Ingredient Action Code: A
NIOSH (RTECS) Number: FF9335000
CAS Number: 471-34-1
OSHA PEL: SEE INGREDIENT
ACGIH TLV: 10 MG/M3 (MFR)

Proprietary: NO
Ingredient: BARIUM SULFATE
Ingredient Sequence Number: 09
Percent: 11
Ingredient Action Code: A
NIOSH (RTECS) Number: CR0600000
CAS Number: 7727-43-7
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Proprietary: NO
Ingredient: TITANIUM OXIDE; (TITANIUM DIOXIDE)
Ingredient Sequence Number: 10
Percent: 3
Ingredient Action Code: A
NIOSH (RTECS) Number: XR2275000
CAS Number: 13463-67-7
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Proprietary: NO
Ingredient: BARIUM COMPOUND (CONTAINING 6.6% BARIUM)
Ingredient Sequence Number: 11
Percent: 11
Ingredient Action Code: A
NIOSH (RTECS) Number: 1006924BC
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: VOLATILE ORGANIC COMPOUNDS: 56% BY WT.
Ingredient Sequence Number: 12
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999VO
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: SUPDAT:WORKPLACE. RPTS HAVE ASSOC RPTD & PRLNG OVEREXP TO
SOLVS W/PERM BRAIN & NERV SYS DMG. INTENTIONAL MISUSE (ING 14)
Ingredient Sequence Number: 13
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 13:BY DELIB CONC & INHAL CONTENTS CAN BE HARMFUL/FATAL.
WARNING:PROD CONTAINS CHEM(S) KNOWN TO THE STATE OF (ING 15)
Ingredient Sequence Number: 14
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 15:CALIFORNIA TO CAUSE CANCER (CAL PROP 65).
Ingredient Sequence Number: 15
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: OTHER PREC:PROCS. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT
WATER & OTHER HEAT SOURCES COULD CAUSE CNTNR TO (ING 17)
Ingredient Sequence Number: 16
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 16:BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF
CHILDREN. USE ONLY W/ADEQ VENT. AVOID BRTHG VAP & (ING 18)
Ingredient Sequence Number: 17
Ingredient Action Code: A
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 17:SPRAY MIST. AVOID CONT W/SKIN & EYES. THESE COATINGS

MAY CNTN MATLS CLASSIFIED AS NUISANCE PARTICULATES (ING 19)

Ingredient Sequence Number: 18

Ingredient Action Code: A

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 18:WHICH MAY BE PRESENT AT HAZ LEVELS ONLY DURING SANDING/
ABRADING OF DRIED FILM. IF NO SPECIFIC DUSTS ARE (ING 20)

Ingredient Sequence Number: 19

Ingredient Action Code: A

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 19:LISTED, APPLIC LIMS FOR NUISANCE DUSTS ARE ACGIH TLV 10
MG/M3 (TDUST), OSHA PEL 15 MG/M3 (TDUST), 5 MG/M3 (ING 21)

Ingredient Sequence Number: 20

Ingredient Action Code: A

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 20:(RESPIRABLE FRACTION). ADDITION OF REDUCERS/OTHER
ADDITIVES TO THESE PRODS MAY SUBSTANTIALLY ALTER THE (ING 22)

Ingredient Sequence Number: 21

Ingredient Action Code: A

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 21:COMPOSITION & HAZARDS OF THE PRODUCTS.

Ingredient Sequence Number: 22

Ingredient Action Code: A

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics

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Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.

Boiling Point: <325F,<163C

Melting Point: N/A

Vapor Pressure (MM Hg/70 F): SEE INGS

Vapor Density (Air=1): HVR/AIR

Specific Gravity: N/A

Evaporation Rate And Ref: FASTER THAN ETHER

Solubility In Water: NOT APPLICABLE

Percent Volatiles By Volume: >75

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Fire and Explosion Hazard Data

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Flash Point: <0F,<-18C

Lower Explosive Limit: 0.7%

Upper Explosive Limit: 12.8%

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

Special Fire Fighting Proc: 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 (SUPDAT)

Unusual Fire And Expl Hazrds: EXTREMELY FLAMM. CLSD CNTNRS MAY EXPLODE

WHEN EXPOS TO EXTREME HEAT. APPLICATION TO HOT SURFS REQS SPECIAL PRECS.
DURING EMER CNDTNS OVEREXP TO DECOMP (SUPDAT)

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE KNOWN.
Materials To Avoid: NONE KNOWN.
Hazardous Decomp Products: BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE,
OXIDES OF METALS IN INGREDIENTS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz 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 OVEREXP MAY RSLT IN UNCON & POSS DEATH. HDCH, DIZZ, NAUS & LOSS OF
COORD ARE INDICATIONS OF EXCESSIVE (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: 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-VASCULAR SYS. RATS EXPOS TO TITANIUM DIOXIDE DUST AT 250 MG/M3 DEVEL
LUNG CANCER, HOWEVER, SUCH EXPOS LEVELS ARE (SUPDAT)
Med Cond Aggravated By Exp: NONE GENERALLY RECOGNIZED.
Emergency/First Aid Proc: INHAL: REMOVE FROM EXPOSURE. RESTORE BREATHING.
KEEP WARM & QUIET. SKIN: WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER.
REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE RE-USE. EYES: FLUSH W/ LARGE
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.
INGEST: SEEK MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: REMOVE ALL SOURCES OF IGNITION. VENTILATE &
REMOVE W/INERT ABSORBENT.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: 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 OF I/A/W FED, STATE & LOC REGS REGARDING POLLUTION.
Precautions-Handling/Storing: 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 (ING 16)

Control Measures

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 (SUPDAT)
Ventilation: LOC EXHST PREF. GEN EXHST ACCEPT IF EXPOS TO INGS IS

MAINTAINED BELOW APPLIC EXPOS LIMS. REFER TO OSHA STDS (SUPP DATA)

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.

Suppl. Safety & Health Data: FIRE FIGHT PROC:PVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. EXPLO HAZ:PRODS MAY CAUSE HLTH

HAZ. SYMPS MAY NOT BE IMMED APPARENT. OBTAIN MED ATTN. RESP PROT:MAY BE

GENERATED FROM THIS PROD, UNDERLYING PAINT/ABRASIVE. VENT:1910.94,

1910.107, 1910.108. EFTS OF OVEREXP:NOT ATTAINABLE IN (ING 13)

Transportation Data

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 22APR98

Label Date: 20APR98

Label Status: M

Common Name: SHER-LINER STRIPING PAINT, 160-0014, HIGHWAY YELLOW

Chronic Hazard: YES

Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard 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.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: SHERWIN-WILLIAMS CO

Label Street: 101 PROSPECT AVE NW

Label City: CLEVELAND

Label State: OH

Label Zip Code: 44115

Label Country: US

Label Emergency Number: 216-566-2917