

1FID: 00339537 CHEMISTRY DATE: 10/22/02
VER DATE: 1997-10-13 MATERIAL SAFETY DATA SHEET TIME: 19:03:01
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GM WATER-BASED FOAMING TIRE SHINE
ALL SYNONYMS : FOAMING TIRE SHINE
GM WATER-BASED FOAMING TIRE SHINE
LOW-GLOSS SILICONE
10-8012
12378188
2232638
88900379

SAFE USE CATEGORY AND DESCRIPTION: 02 -SOLVENTS - FLASH POINT: < 100 F

LAST UPDATED DATE: 1997-10-13

MANUFACTURER'S ID (MID): 000533190
MANUFACTURER'S NAME: SHERWIN-WILLIAMS COMPANY
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 216-566-2917
MANUFACTURER'S MAILING ADDRESS:
101 PROSPECT AVENUE N.W.
CLEVELAND OH 44115
US

PRODUCT USE: AEROSOL SPECIALTY PRODUCT

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000074986	= 5.0000/	0.0000%	W PROPANE
000106978	= 15.0000/	0.0000%	W BUTANE
007732185	= 68.0000/	0.0000%	W WATER
026183528	= 1.6000/	0.0000%	W Poly(oxy-1,2-ethanediyl), .alpha.-decyl-.omega.-hydroxy-
063148629	= 10.4000/	0.0000%	W SF-96

THRESHOLD LIMIT VALUE: ACGIH - 106978: 800 PPM

PERMISSIBLE EXPOSURE LIMIT: OSHA - 74986: 1000 PPM, 106978: 800 PPM

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:
SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
EYE PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
PRIMARY ROUTES OF ENTRY TEXT: EXPOSURE MAY BE BY INHALATION AND/OR SKIN OR EYE CONTACT, DEPENDING ON CONDITIONS OF USE. TO MINIMIZE EXPOSURE, FOLLOW RECOMMENDATION FOR PROPER USE, VENTILATION, AND PERSONAL PROTECTIVE EQUIPMENT.

EFFECTS OF OVEREXPOSURE: IRRITATION OF EYES, SKIN AND RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. // SYMPTOMS OF OVEREXPOSURE - 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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE GENERALLY RECOGNIZED.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE.

EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

EMERGENCY FIRST AID PROCEDURES - INHALATION: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET.

EMERGENCY FIRST AID PROCEDURES - INGESTION: GET MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: = 1.90

FLAMMABLE UEL: = 9.50

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM

SPECIAL FIRE FIGHTING PROCEDURES: FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE (DUE TO THE BUILD-UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

HMIS CODES:

HMIS REACTIVITY CODE = 0

HMIS HEALTH CODE = 2

HMIS FLAMMABILITY CODE = 4

NFPA CODES:

NFPA FLAMMABILITY CODE = 4

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 0

FLASH POINT TEXT: PROPELLANT < 0 F

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. VAPORS WILL ACCUMULATE READILY AND MAY IGNITE EXPLOSIVELY. DURING USE AND UNTIL ALL VAPORS ARE GONE. KEEP AREA VENTILATED - DO NOT SMOKE - EXTINGUISH ALL FLAMES, PILOT LIGHTS, AND HEATERS. TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCE, AND ANY OTHER SOURCES OF IGNITION. CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR EXPOSE TO TEMPERATURE ABOVE 120F. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER, AND OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

SECTION 7 - OTHER INFORMATION: DOL STORAGE CATEGORY 1A // OTHER PRECAUTIONS: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

RESPIRATORY PROTECTION: IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS IN SECTION II.

VENTILATION: LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION II IS MAINTAIN BELOW APPLICABLE EXPOSURE LIMITS. REFER TO OSHA STANDARDS 1910.94, 1910.107, 1910.108.

SECTION 8 - OTHER INFORMATION: PRECAUTIONS TO BE TAKEN IN USE: USE ONLY WITH ADEQUATE. VENTILATION. AVOID BREATHING VAPOR AND SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES.

PROTECTIVE GLOVES (SPECIFY TYPE): NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED. FOR LONG OR REPEATED CONTACT, WEAR CHEMICAL RESISTANT GLOVES.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: < 213.00F

MELTING/FREEZE POINT TEXT: MELTING POINT - N/A

SPECIFIC GRAVITY VALUES: = 0.8600

DENSITY VALUES/UOM: = 7.1600LB/GAL

VAPOR PRESSURE TEXT: V.P.: 74986 & 106978: 760.00

PERCENT VOLATILE BY VOLUME: = 89.0000

PERCENT VOLATILE BY WEIGHT VALUES: = 19.9000

PERCENT VOLATILE BY WEIGHT TEXT: LESS FEDERALLY EXEMPT SOLVENTS

EVAPORATION RATE TEXT: FASTER THAN ETHER

SOLUBILITY IN WATER TEXT: N/A

PH OF PRODUCT AS RECEIVED (NEAT)/VALUE: = 7.0000

PHYSICAL STATE: LIQ

PHYSICAL STATE TEXT: LIQUID

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: NONE KNOWN.

STABILITY - TEXT: STABLE

INCOMPATIBLE MATERIALS: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS: BY FIRE CARBON DIOXIDE, CARBON MONOXIDE

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENT WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

CARCINOGENICITY: NO INGREDIENT IN THIS PRODUCT IS AN IARC, NTP OR OSHA LISTED CARCINOGEN.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBERS. DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING POLLUTION.

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION - NO INGREDIENTS IN THIS PRODUCT ARE SUBJECT TO SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION: TSCA CERTIFICATION: ALL CHEMICALS IN THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE TSCA INVENTORY.

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) CFR 261.