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SDS

Common Name: 511 IMPREGNATOR
Manufacturer: MIRACLE SEALANTS
SDS Revision Date: 4/26/2017
SDS Format: GHS-US

Item Number(s): 190P53, 190P54, 48RE94, 48RE95

Manufacturer Model Number(s):

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MIRACLE SEALANTS COMPANY

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: 511 IMPREGNATOR

OTHER PRODUCT NAME(S): MSC-010R

PRODUCT USE:

WATER, STAIN & SLIP PROTECTION FOR: QUARRY TILE, CERAMIC TILE, PORCELAIN TILE, GLAZED TILE, MARBLE, GRANITE, TRAVERTINE, SLATE, GROUT, QUARTZ, BRICK, TERRAZZO.

MANUFACTURER:

MIRACLE SEALANTS COMPANY
12318 LOWER AZUSA ROAD
ARCADIA, CA 91006
1-626-443-6433 (PHONE) 1-626-443-1435 (FAX)

EMERGENCY TELEPHONE NUMBER:

INFOTRAC: 1-800-535-5053 (NORTH AMERICA) OR 1-352-323-3500 (INTERNATIONAL)

**2. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW:

A COLORLESS LIQUID WHICH CAN IRRITATE THE EYES AND MAY CAUSE ALLERGIC REACTIONS FROM REPEATED DERMAL CONTACT. FLAMMABLE. HARMFUL IF SWALLOWED AND HAZARDOUS FROM REPEATED EXPOSURE. INGESTION CAN PRESENT AN ASPIRATION HAZARD.

OSHA REGULATORY STATUS: HAZARDOUS

WHMIS REGULATORY STATUS: HAZARDOUS

OSHA CLASSIFICATION:

SERIOUS EYE DAMAGE/EYE IRRITATION: 2
SKIN SENSITIZATION: 1
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE: 3
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE: 1
ASPIRATION HAZARD: 1
FLAMMABLE LIQUIDS: 3

OSHA SIGNAL WORD: DANGER

OSHA HAZARD STATEMENTS:

FLAMMABLE LIQUID AND VAPOR

CAUSES SERIOUS EYE IRRITATION

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS

MAY CAUSE ALLERGIC SKIN REACTION

MAY CAUSE DROWSINESS OR DIZZINESS

MAY CAUSE DAMAGE TO KIDNEY, LIVER OR CENTRAL NERVOUS SYSTEM THROUGH PROLONGED OR REPEATED EXPOSURE.

OSHA PRECAUTIONARY STATEMENTS:

KEEP AWAY FROM FLAMES AND HOT SURFACES. - NO SMOKING.

GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/ LIGHTING/.../EQUIPMENT. USE ONLY NON-SPARKING TOOLS.

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION

IN CASE OF FIRE, USE DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER SPRAY.

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

DO NOT GET IN EYES, ON SKIN OR CLOTHING. WEAR PROTECTIVE GLOVES AND SAFETY GLASSES WITH SIDE SHIELDS. WASH THOROUGHLY AFTER HANDLING.

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A PHYSICIAN. IF ON SKIN, WASH WITH PLENTY OF WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION FOR IRRITATION.

IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

IF INGESTED:

IMMEDIATELY CALL A POISON CONTROL CENTER OR DOCTOR. DO NOT INDUCE VOMITING

STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.

DISPOSE OF CONTAINER IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

OSHA LABEL SYMBOLS:
EXCLAMATION MARK
HEALTH HAZARD
FLAME

OTHER HAZARDS NOT SPECIFIED BY OSHA: NONE

PERCENT UNKNOWN TOXICITY: 0%

POTENTIAL HEALTH EFFECTS:

SKIN:
MAY CAUSE IRRITATION FROM PROLONGED CONTACT AND MAY CAUSE ALLERGIC SKIN REACTIONS.

EYES: CAN CAUSE IRRITATION

INGESTIONS:
HARMFUL IF SWALLOWED AND MAY INDUCE POTENTIALLY FATAL ASPIRATION OF LIQUID INTO LUNGS.

INHALATION: MISTS MAY BE IRRITATING.

CHRONIC EFFECTS:
CONTAINS SMALL AMOUNTS OF ETHYLBENZENE WHICH IS CARCINOGENIC. REPEATED EXPOSURES MAY CENTRAL NERVOUS SYSTEM, KIDNEY, LIVER EFFECTS. MAY CAUSE DEVELOPMENTAL EFFECTS IN PREGNANT WOMEN.

INGREDIENTS FOUND ON ESTABLISHED CARCINOGEN LISTS:

INGREDIENT	NTP STATUS	IARC STATUS	OSHA LIST
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NO INGREDIENTS LISTED

3. COMPOSITION / INFORMATION ON INGREDIENTS



CHEMICAL NAME	CAS #	WT. %*
PETROLEUM DISTILLATE	TRADE SECRET	30 - 50
ADDITIVES (INCLUDES SMALL AMOUNTS OF ETHYLBENZENE, XYLENE AND TOLUENE)	TRADE SECRET	50 - 70

* EXACT CONCENTRATIONS ARE TRADE SECRET WHERE RANGES ARE USED.

4. FIRST AID MEASURES



SKIN:
WASH WITH PLENTY OF WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION FOR IRRITATION OR ALLERGIC EFFECTS

EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS CALL A DOCTOR.

INGESTIONS:
GET MEDICAL ADVICE/ATTENTION FOR ANY EFFECT BEYOND IRRITATION. DO NOT INDUCE VOMITING.

INHALATION:
REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE TILL IRRITATION SUBSIDES.

ADVICE TO PHYSICIAN: TREAT SYMPTOMATICALLY.

5. FIRE FIGHTING MEASURES



EXTINGUISHING MEDIA:

DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER SPRAY. AVOID SOLID STREAMS OF WATER AS THESE MAY SPREAD BURNING LIQUID.

FIRE/EXPLOSION HAZARDS: NONE INDICATED

FIRE FIGHTING PROCEDURES:

AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS. DO NOT DISCHARGE FIRE-FIGHTING LIQUIDS INTO SEWERS AND NATURAL BODIES OF WATER.

FLAMMABLE LIMITS: NOT DETERMINED

FLASH POINT: 125 DEG. F (51.6 DEG. C) PENSKY-MARTINS CLOSED CUP

AUTO IGNITION TEMPERATURE: NOT DETERMINED

HAZARDOUS COMBUSTION PRODUCTS:

VARIOUS ORGANICS, CARBON DIOXIDE, CARBON MONOXIDE.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS:

ELIMINATE ALL SOURCES OF IGNITION. PROVIDE VENTILATION TO AREA OF SPILL. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT INDICATED IN SECTION 8. AVOID CONTACT WITH LIQUID.

CONTAINMENT:

SPIILLED LIQUID CAN BE SURROUNDED BY ABSORBENT MATERIAL TO PREVENT SPREADING SPILL.

CLEAN UP:

USE ABSORBENT MATERIAL (SAND, EARTH, VERMICULITE) AND PLACE INTO CONTAINERS FOR DISPOSAL. DO NOT LET SPILLED LIQUID CONTACT SKIN OR EYES. SPRAY AREA WITH SOAP AND WATER. WASH CLOTHING AND EQUIPMENT BEFORE REUSE.

NOTIFICATION REQUIREMENTS: SEE SECTION 15 FOR RQS (IF ANY).

7. HANDLING AND STORAGE



HANDLING:

KEEP AWAY FROM SOURCES OF IGNITION SUCH AS OPEN FLAMES, SPARKS, STATIC ELECTRICITY SOURCES, ETC. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT INDICATED IN SECTION 8. AVOID CONTACT WITH LIQUID. WASH HANDS BEFORE EATING OR DRINKING.

STORAGE:

SHOULD BE STORED IN A COOL DRY LOCATION AWAY FROM ANY SOURCE OF IGNITION. KEEP PACKAGES TIGHTLY CLOSED. KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



ENGINEERING CONTROLS:

USE LOCAL EXHAUST FOR LIQUID TRANSFER POINTS. GENERAL VENTILATION SHOULD BE USED TO MAINTAIN CONCENTRATIONS BELOW PERMISSIBLE EXPOSURE LIMITS.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE:

WEAR SAFETY GLASSES OR CHEMICAL GOGGLES TO AVOID ACCIDENTAL EYE CONTACT.

RESPIRATORY:

IF PERMISSIBLE EXPOSURE LEVELS ARE REACHED OR EXCEEDED, USE A NIOSH APPROVED RESPIRATOR SUITABLE FOR USE WITH THE MAXIMUM CONCENTRATION ANTICIPATED.

HANDS, ARMS, AND BODY: USE RUBBER OR NEOPRENE GLOVES

OTHER:

SAFETY SHOWER AND AN EYEWASH SHOULD BE AVAILABLE FOR EMERGENCY EXPOSURES.

EXPOSURE GUIDELINES:

INGREDIENT	ACGIH TLV(R*)	OSHA PEL	NIOSH REL
ETHYL BENZENE	20 PPM TWA	100 PPM TWA	100 PPM TWA 125 PPM STEL
TOLUENE	20 PPM TWA	200 PPM TWA 300 PPM STEL 500 PPM CEILING	100 PPM TWA 150 PPM STEL
XYLENES	100 PPM TWA 150 PPM STEL	100 PPM TWA	100 PPM TWA 150 PPM STEL

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & PHYSICAL STATE: COLORLESS LIQUID

ODOR: ORGANIC BUT NOT SPECIFIC

ODOR THRESHOLD: NOT DETERMINED

PH: NOT DETERMINED - ORGANIC

SPECIFIC GRAVITY: 0.8

INITIAL BOILING POINT & RANGE: 355-395 DEG. F (179-202 DEG. C)

MELTING POINT /FREEZING POINT: NOT DETERMINED

EVAPORATION RATE: <1 (VS. WATER)

PERCENT VOLATILE: NOT DETERMINED

SOLUBILITY IN WATER: NOT SOLUBLE IN WATER.

VAPOR DENSITY: 5.3

VAPOR PRESSURE: 5 MM Hg

UPPER/ LOWER FLAMMABLE LIMITS: 7%, 1%

FLASH POINT: 145 DEG. F (62.8 DEG. C) PENSKEY-MARTINS CLOSED CUP

AUTO IGNITION TEMPERATURE: NOT DETERMINED

FLAMMABILITY (SOLID, GAS): NOT APPLICABLE

OCTANOL/WATER PARTITION COEFFICIENT: NOT DETERMINED

DECOMPOSITION TEMPERATURE: NOT DETERMINED

VISCOSITY: NOT DETERMINED

VOC CONTENT: <742 G/L

10. STABILITY AND REACTIVITY



STABILITY: NORMALLY STABLE.

CONDITIONS TO AVOID: EXCESSIVE HEAT

MATERIALS TO AVOID: STRONG OXIDIZERS MAY IGNITE PRODUCT

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:
ORGANIC MATERIALS INCLUDING OXIDES OF CARBO AND SILICONE.

11. TOXICOLOGICAL INFORMATION



EYE: CAUSES IRRITATION

SKIN:
MAY CAUSE IRRITATION FROM PROLONGED CONTACT AND MAY CAUSE ALLERGIC SKIN REACTION (SENSITIZATION)

ORAL:
LOW TOXICITY >2000 MG/KG (CALCULATED). INGESTION MAY PRESENT A POTENTIALLY FATAL ASPIRATION HAZARD DUE TO THE PETROLEUM DISTILLATE.

INHALATION: MAY CAUSE TEMPORARY MILD IRRITATION.

CHRONIC:

CONTAINS SMALL AMOUNTS OF ETHYLBENZENE A SUSPECT CARCINOGEN.

CONTAINS SMALL AMOUNTS OF TOLUENE WHICH MAY PRESENT A REPRODUCTIVE DEVELOPMENTAL HAZARD.

REPEATED EXPOSURES AT LEVELS ABOVE SAFE EXPOSURE LIMITS OR AT LEVELS PRESENTING CONTINUOUS IRRITATION CAN PRESENT CENTRAL NERVOUS SYSTEM, KIDNEY AND LIVER EFFECTS.

INGREDIENTS FOUND ON ESTABLISHED CARCINOGEN LISTS:

INGREDIENT	NTP STATUS	IARC STATUE	OSHA LIST
ETHYLBENZENE		2B POSSIBLY CARCINOGENIC	

12. ECOLOGICAL INFORMATION



ACUTE ECOTOXICITY:
NOT DETERMINED FOR MIXTURE BUT IT IS ADVISABLE TO KEEP OUT OF NATURAL BODIES OF WATER SUCH AS LAKES AND STREAMS.

CHRONIC ECOTOXICITY: NOT DETERMINED

OTHER INFORMATION: NOT DETERMINED

13. DISPOSAL CONSIDERATIONS



RCRA STATUS: IGNITABLE HAZARDOUS WASTE. D001

DISPOSAL METHOD:
CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS. DISPOSE OF IN A PERMITTED FACILITY.

14. TRANSPORTATION CONSIDERATIONS



DOT PROPER SHIPPING NAME:
NOT REGULATED FOR TRANSPORT IN NON-BULK CONTAINERS IN BULK: UN1268,
PETROLEUM DISTILLATES, N.O.S., 3, III

DOT PRIMARY HAZARD CLASS: FLAMMABLE LIQUID

DOT UN / NA NUMBER: UN 1268

DOT PACKING GROUP: III

TDG (CANADA): UN 1268, PETROLEUM DISTILLATES, N.O.S., 3, III

IMDG (INTERNATIONAL WATER): UN 1268, PETROLEUM DISTILLATES, N.O.S., 3, III

ICAO (AIR TRANSPORT): UN 1268, PETROLEUM DISTILLATES, N.O.S., 3, III

15. REGULATORY INFORMATION



UNITED STATES:

TOXIC SUBSTANCES CONTROL ACT (TSCA):

TSCA INVENTORY STATUS: INGREDIENTS LISTED ON TSCA CHEMICAL INVENTORY

OTHER TSCA ISSUES: NONE

SARA TITLE III/CERCLA:
INGREDIENTS WITH "REPORTABLE QUANTITIES" (RQS) AND/OR "THRESHOLD PLANNING QUANTITIES" (TPQS).

INGREDIENT	SARA/CERCLA RQ (LB.)	SARA EHS TPQ (LB.)
ETHYL BENZENE	1000	
TOLUENE	1000	
XYLENE (MIXED ISOMERS)	100	

SPILLS OR RELEASES RESULTING IN THE LOSS OF ANY INGREDIENT AT OR ABOVE ITS RQ REQUIRE IMMEDIATE NOTIFICATION TO THE NATIONAL RESPONSE CENTER [(800) 424-8802] AND TO YOUR LOCAL EMERGENCY PLANNING COMMITTEE.

SARA 311 HAZARD CLASS:
SERIOUS EYE DAMAGE/EYE IRRITATION: 2
SKIN SENSITIZATION: 1
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE: 3
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE: 1
ASPIRATION HAZARD: 1
FLAMMABLE LIQUIDS: 3

SARA 313 TOXIC CHEMICALS:
THE FOLLOWING INGREDIENTS ARE SARA 313 "TOXIC CHEMICALS" AND MAY BE SUBJECT TO ANNUAL REPORTING REQUIREMENTS. CAS NUMBERS AND WEIGHT PERCENT ARE FOUND IN SECTION 2.

INGREDIENT	COMMENT
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ETHYL BENZENE	
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TOLUENE

XYLENES

STATE RIGHT-TO-KNOW:
IN ADDITION TO THE INGREDIENTS FOUND IN SECTION 2, THE FOLLOWING ARE LISTED
FOR STATE RIGHT-TO-KNOW PURPOSES.

INGREDIENT	WEIGHT %	COMMENT
ETHYLBENZENE	<1	CALIFORNIA PROPOSITION 65 CARCINOGEN
TOLUENE	<1	CALIFORNIA PROPOSITION 65 REPRODUCTIVE (DEVELOPMENTAL) TOXIN

ADDITIONAL REGULATORY INFORMATION: NONE PRESENTED

16. OTHER INFORMATION



ISSUE DATE: APRIL 26 2017

PREVIOUS ISSUE DATE: FEBRUARY 1, 2012

CHANGES FROM PREVIOUS VERSION:
REVISION OF SDS FORMAT AND RECALCULATION OF HAZARDS PROFILE. ALL SECTIONS
OF SDS SHOULD BE READ.

NATIONAL FIRE PROTECTION ASSOC. (NFPA) CLASSIFICATION:

4 = SEVERE
3 = SERIOUS
2 = MODERATE
1 = SLIGHT
0 = MINIMAL

HEALTH 2
FLAMMABILITY 2
REACTIVITY 0

HAZARDOUS MATERIALS INFORMATION SYSTEMS (HMIS):

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

HEALTH 2
FLAMMABILITY 2
PHYSICAL HAZARD 0