

MATERIAL SAFETY DATA SHEET (AcryliSeal 3591 Neutral Base)

EMERGENCY CONTACT:

ChemTel 24Hr. US Emergency Number: 800-255-3924

ChemTel 24Hr. Worldwide Emergency Number: + 1 813-248-0585

SECTION I. IDENTIFICATION

PRODUCT NAME: *AcryliSeal 3591 Neutral Base*

PRODUCT TYPE: WATER BASED SEALER

IMPORTANT: THIS MATERIAL WILL NOT BE SOLD FOR USE IN PRODUCTS FOR WHICH PROLONGED CONTACT WITH MUCOUS MEMBRANES, ABRADED SKIN, OR IMPLANTATION WITHIN THE HUMAN BODY IS SPECIFICALLY INTENDED. BECAUSE OF THE WIDE RANGE OF SUCH POTENTIAL USES, WOLVERINE COATINGS CORPORATION IS NOT ABLE TO RECOMMEND THIS MATERIAL AS SAFE AND EFFECTIVE FOR SUCH USES AND ASSUMES NO LIABILITY FOR ANY SUCH USES.

HAZARD STATEMENT: THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.

SECTION II. HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	%	EXPOSURE LIMITS	CL50/DL50
Acrylic Polymer	Mixture (Non Hazardous)	Proprietary	N/E	N/E
Polyurethane Polymer	Mixture (Non Hazardous)	Proprietary	N/E	N/E
Quartz (Hazardous in dust form)	14808-60-7	<20%	0.05 mg/m ³ TLV TWA (Dust)	
Propylene glycol phenyl ether	770-35-4	<1%	N/E	>2000mg/kg
Dipropylene glycol monobutyl ether	29911-28-2	<2%	N/E	3700 mg/kg

SECTION III. PHYSICAL DATA

APPEARANCE AND ODOR: BLUEISH NEUTRAL LIQUID; SLIGHT AMMONIA ODOR.

BOILING POINT: 212 °F

MELTING /FREEZING POINT: N/A

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: > 1.0 @ 25°C (77°F)

pH: 7-9

SECTION IV. FIRE AND EXPLOSION DATA

FLASHPOINT: NONE

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCT IS NOT COMBUSTIBLE.

SECTION V. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): BLEACH

MATERIAL SAFETY DATA SHEET (AcryliSeal 3591 Neutral Base)

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, SULFUR DIOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: AVOID HIGH HEAT, SUNLIGHT OR ULTRAVIOLET LIGHT.

INCOMPATIBILITY: NONE

SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Dermal, Inhalation

EMERGENCY OVERVIEW: Warning! Can cause skin and eye irritation.

PRIMARY RATES OF EXPOSURE:

ORAL: LD50 RATS > 2000 MG/KG (COMPONENTS). IF MORE THAN A MOUTHFUL IS SWALLOWED, ABDOMINAL DISCOMFORT, NAUSEA, AND DIARRHEA MAY OCCUR.

IRRITATION:

SKIN: CONTACT WILL CAUSE A "SOAPY" FEEL AND CAUSE REDDENING. PROLONGED EXPOSURE WILL CAUSE IRRITATION.

EYE: CONTACT WILL CAUSE IRRITATION, PAIN, AND REDDENING. PROLONGED EXPOSURE COULD CAUSE BLINDNESS.

INHALATION: PROVIDE PROPER VENTILATION WHILE PRODUCT IS APPLIED AND DURING DRY TIME.

EFFECTS OF OVEREXPOSURE: NONE KNOWN

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE

EMERGENCY AND FIRST AID PROCEDURES:

EYES - FOR EYE CONTACT, IMMEDIATELY FLUSH EYES FOR AT LEAST FIFTEEN MINUTES WITH RUNNING WATER. HOLD EYELIDS APART TO ENSURE RINSING OF THE ENTIRE EYE SURFACE AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION OCCURS.

SKIN - FOR SKIN CONTACT, WASH AFFECTED AREAS THOROUGHLY WITH PLENTY OF WATER AND SOAP FOR AT LEAST FIFTEEN MINUTES. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION OCCURS.

INGESTION - IF SWALLOWED, GET IMMEDIATE MEDICAL ATTENTION. HAVE PHYSICIAN DETERMINE WHETHER VOMITING OR STOMACH EVACUATION IS NECESSARY.

INHALATION - IF INHALED, REMOVE FROM AREA TO FRESH AIR. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION PERSISTS.

SECTION VII. SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: AVOID ALL PERSONAL CONTACT. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. SWEEP OR SCRAPE UP MATERIAL. SHOVEL INTO SUITABLE CLEAN, DRY CONTAINER. FLUSH AREA WITH WATER FOR FINAL CLEAN-UP.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII. SPECIAL PROTECTION

PROTECTIVE GLOVES: WEAR RUBBER GLOVES.

EYE PROTECTION: WEAR SAFETY GLASSES.

RESPIRATORY PROTECTION: ENSURE ADEQUATE VENTILATION.

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE EQUIPMENT TO PREVENT EXPOSURE AND PERSONAL CONTACT.

SECTION IX. SPECIAL PRECAUTIONS

HMIS CODE:

HEALTH: 2

FIRE: 0

REACTIVITY: 0

MATERIAL SAFETY DATA SHEET (AcryliSeal 3591 Neutral Base)

HANDLING, SHIPPING, AND STORING PRECAUTIONS: AVOID CONTACT WITH SKIN AND EYES. FOR INDUSTRIAL USE ONLY. STORE IN A COOL DRY PLACE THAT IS WELL VENTILATED. PROTECT FROM FREEZING. KEEP OUT OF REACH OF CHILDREN!

SECTION X. TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS (LD50): (RAT) > 2000 MG/KG (COMPONENTS)

SKIN IRRITATION: MILD IRRITATION

EYE IRRITATION: MILD IRRITATION

CHRONIC EXPOSURE EFFECTS: NONE KNOWN

SECTION XI. ECOLOGICAL INFORMATION

NOT AVAILABLE

SECTION XII. REGULATORY INFORMATION

DOT CLASS: NOT REGULATED

DOT NUMBER: N/A

RCRA STATUS: NOT A HAZARDOUS WASTE UNDER RCRA (40 CFR 261)

TSCA INVENTORY STATUS: CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

CANADIAN INVENTORY STATUS: All components included on the Domestic Substances List (DSL)

ISSUE DATE: 07/2009

FOR FURTHER INFORMATION, PLEASE CONTACT PRODUCT SAFETY DIRECTOR.

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. ALL CHEMICALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST. FINAL DETERMINATION OF SUITABILITY OF THE CHEMICAL IS THE SOLE RESPONSIBILITY OF THE USER. USERS OF ANY CHEMICAL SHOULD SATISFY THEMSELVES THAT THE CONDITIONS AND METHODS OF USE ASSURE THAT THE CHEMICAL IS USED SAFELY. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER NATURE, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN, OR TO THE CHEMICAL TO WHICH THE USER REFERS.