

AXEL PLASTICS RESEARCH LABORATORIES, INC.
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HMIS RATING
HEALTH 2
FLAMMABILITY 3
REACTIVITY 0

MATERIAL SAFETY DATA SHEET

CHEMTREC 24-HOUR EMERGENCY PHONE NO. 1-800-424-9300(USA & CANADA)
1-703-527-3887(outside USA & CANADA)

SECTION I

PRODUCT NAME: XTEND # 19SAM

SEMI PERMANENT RELEASE AGENT

PROPER SHIPPING NAME (49 CFR 172.101): RESIN SOLUTION
D.O.T. HAZARD CLASS (49 CFR 172.101): 3, PGII
D.O.T. ID NUMBER (49 CFR 172.101): UN-1866
D.O.T. HAZARD NAME (49 CFR 172.101): FLAMMABLE LIQUID

PRODUCT DESCRIPTION: Proprietary resin solution in aliphatic solvent blend.
SPECIFIC CHEMICAL IDENTITY WITHHELD AS TRADE SECRET IN ACCORDANCE WITH 29CFR OSHA 1910.1200

SECTION II HAZARDOUS INGREDIENTS

Aliphatic Hydrocarbon	80 – 95%	CAS #: 64741-66-8	TLV: 400 ppm
Di-Butyl ether	< 10%	CAS #: 142-96-1	TLV: Not Established

SECTION III HEALTH HAZARD DATA

EFFECTS OF OVER-EXPOSURE

INHALATION: Inhalation of mist or vapor may cause respiratory tract irritation, headaches, dizziness, anesthesia and other CNS effects, including death.
INGESTION: May cause drowsiness and anemia. Nausea and vomiting may also occur.
SKIN: May cause irritation. May be absorbed through the skin leading to effects similar to ingestion and inhalation.
EYES: Causes eye irritation. May be damaging to eye tissue.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If not breathing give mouth-to-mouth resuscitation. If breathing difficult, give oxygen. Call a physician.
INGESTION: Do not induce vomiting. Call a physician.
SKIN: Wash area with detergent and water.
EYES: Immediately flush with liberal amounts of water for at least 15 minutes. Get prompt medical attention.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): <73°F / <23°C (C.O.C.)
FLAMMABLE LIMITS IN AIR, % BY VOLUME: LOWER: N/A
UPPER: N/A
EXTINGUISHING MEDIA: Water Fog, Foam; CO₂; Dry Chemicals
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SECTION V PHYSICAL DATA

BOILING POINT : 208-288 °F / 98-142 °C approx. SPECIFIC GRAVITY @25°C: 0.720
VAPOR DENSITY (Air=1) : Heavier than air SOLUBILITY IN WATER : Insoluble
PERCENT VOLATILE BY VOLUME @ 25°C: 98% pH: N/A MIN: MAX:
EVAPORATION RATE (n-BuAc=1): >1 ODOR : Paraffinic
COLOR : Clear

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SECTION VI REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: Moisture and heat. Do not expose to water, strong acids, oxidants or alkalis.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: Combustion in the presence of air may yield carbon dioxide, carbon monoxide and oxides of nitrogen.

SECTION VII SPILL OR LEAK PROCEDURES

ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILL; IF CONTAINER IS DAMAGED TRANSFER TO CLOSED LINED METAL OR PLASTIC CONTAINER. USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

WASTE DISPOSAL METHOD: AXEL PLASTICS SUGGESTS ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES. CONTACT AXEL PLASTICS IF THERE ARE ANY DISPOSAL QUESTIONS.

SECTION VIII PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE NIOSH APPROVED RESPIRATOR IF VENTILATION IS NOT SUFFICIENT AND THE POTENTIAL EXISTS TO EXCEED THE EXPOSURE LIMIT. SEE SECTION II FOR EXPOSURE LIMITS.

VENTILATION: USE IN ADEQUATELY VENTILATED AREAS.
LOCAL EXHAUST: PREFERABLE
MECHANICAL: ACCEPTABLE
SPECIAL: NONE KNOWN TO AXEL PLASTICS

SKIN PROTECTION: USE CHEMICAL RESISTANT IMPERVIOUS GLOVES. DEPENDING UPON CONDITION OF USE, IMPERVIOUS APRON RECOMMENDED TO PREVENT SKIN CONTACT.

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES.

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY.

DO NOT CONSUME FOOD, DRINK OR TOBACCO IN AREAS WHERE THEY MAY BE CONTAMINATED BY THIS MATERIAL. WASH HANDS WELL BEFORE EATING DRINKING OR SMOKING.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
STORE IN COOL, DRY AREA. AVOID HIGH HEAT SOURCES, OPEN FLAME AND WELDING ARCS.

SECTION X REGULATORY INFORMATION

All components in this product are on the **TSCA (USA) and DSL (Canada)** regulatory list. All **MOLD WIZ, CLEAN WIZ & XTEND** products are proprietary, complex mixtures which, according to government regulations, are not required to be registered.

NOTE: THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.