

AXEL Plastics Research Laboratories, Inc.
P.O. Box 77 0855
58-20 Broadway
Woodside, NY 11377-0855
Phone: 1-718-672-8300
Fax: 1-718-665-7447
E-mail: info@axelplastics.com



CHEMTREC 24-HOUR EMERGENCY PHONE:
1-800-424-9300 (USA & Canada)
001-703-527-3887 (Outside of USA & Canada)

Engineering Chemistry Since 1941
ISO 9001-2000 Registered

MSDS # 1039

Material Safety Data Sheet

Revision: 9

1. PRODUCT IDENTIFICATION

PRODUCT NAME: F-57NC
PRODUCT CLASS: Polymer Resin Solution
PRODUCT FAMILY: External Mold Release

PRODUCT DESCRIPTION: Proprietary resin solution of polyolefins in combination with fluorotelomer in hydrocarbon solvents.

2. COMPOSITION INFORMATION

COMPONENT	Amount	CAS #	
** Acetone	05 – 10%	67-64-1	TLV: 1000 ppm
Mineral Spirits	05 – 10%	64742-47-8	TLV: 100 ppm
Petroleum Naphtha	15 – 20%	64742-89-8	TLV: Not established
Petroleum Naphtha	15 – 20%	64742-95-6	TLV: Not established
**Xylene	15 – 20%	1330-20-7	TLV: 100 ppm
**Toluene	15 – 20%	108-88-3	TLV: 100 ppm

** Subject to reporting requirements of SARA 313 Title III

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Description: low viscosity white liquid with a strong aliphatic odor. It may cause irritation to eyes and skin. Material is a highly flammable liquid.

HMIS Rating

Health	2
Flammability	3
Reactivity	0

POTENTIAL HEALTH EFFECTS**EFFECTS OF OVER-EXPOSURE:**

EYES: May cause temporary irritation or pain.
SKIN: May cause dryness.
INHALATION: High vapor concentrations may result in dizziness or headache.
INGESTION: Effects unknown to Axel.

4. FIRST AID MEASURES

EYES: Flush liberally with water for at least 15 minutes. Hold eye lid apart to assure flushing of entire eye surface. Get prompt medical attention.
SKIN: Wash affected area with soap and water.
INHALATION: Remove to fresh air.
INGESTION: Do not induce vomiting. Rinse mouth, then drink plenty of water. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

FLASH POINT: <73°F / <23°C (C.O.C.)
EXTINGUISHING MEDIA: Water Fog; Foam; CO₂; Dry Chemicals.
UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT STORE WITH STRONG OXIDIZERS. (liquid chlorine or concentrated oxygen).
FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS: Wear NIOSH approved self-contained breathing apparatus with full face piece and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Contain spill. If container is damaged, transfer to another closed lined metal container. Use absorbent material to collect and contain for salvage or disposal.

7. HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Do not consume food, drink or tobacco in areas where they may be contaminated by this material. Wash hands before eating, drinking or smoking.

Store in cool, dry area. Avoid high heat sources, open flame and welding arcs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

RESPIRATORY PROTECTION: RESPIRATORY MASK IS NOT REQUIRED FOR PROPERLY VENTILATED AREAS. IF VAPOR OR MIST ACCUMULATES, USE NIOSH APPROVED RESPIRATOR.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	White
ODOR:	Aliphatic
pH VALUE:	Not applicable
BOILING POINT:	160 – 180°F / 71 – 82°C
FLASH POINT:	<73°F / <23°C (C.O.C.)
AUTO IGNITION TEMP:	N.A.
MELTING POINT:	Not applicable
SPECIFIC GRAVITY @ 25°C:	0.820
VISCOSITY @ 25°C:	10 – 170 cps
SOLUBILITY IN WATER:	Insoluble
PERCENTAGE VOLATILE:	94%
EVAPORATION RATE:	20 (CCL4 = 100)

10. STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITIES: Avoid open flame & welding arcs and other high temperature sources. Strong oxidizers.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Combustion in the presence of air may yield carbon Dioxide and/or carbon monoxide.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

12. ECOLOGICAL INFORMATION

The information given is based on data available for at least one of the components of this product.

Ecotoxicity – Material is expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATION

The transportation, storage, treatment and disposal of this material must be conducted in compliance with all applicable National and Local regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Resin Solution	UN No	: 1866
D.O.T. HAZARD CLASS : 3	ADR/RID (ROAD/RAIL):	
D.O.T. ID NUMBER : UN-1866	IMO (OCEAN)	
D.O.T. HAZARD NAME : FLAMMABLE LIQUID	PACKAGING GROUP : II	
	IATA (AIR)	

15. REGULATORY INFORMATION

All components in this product are on the TSCA (USA), DSL (Canada), ENCS (Japan), AICS (Australia), KECL (S. Korea) and IECSC (China) regulatory lists.

All MOLD WIZ, CLEAN WIZ & XTEND products are proprietary, complex mixtures which, according to government regulations, are not required to be registered.

16. OTHER INFORMATION

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.
