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*Engineering Chemistry Since 1941  
ISO 9001-2000 Registered*

**MSDS # 1077**

**Material Safety Data Sheet**

**Revision: 4**

**1. PRODUCT IDENTIFICATION**

**PRODUCT NAME:** 250SL-55/NC  
**PRODUCT CLASS:** Polymer Resin Solution  
**PRODUCT FAMILY:** External Mold Release

**PRODUCT DESCRIPTION:** Proprietary resin solution of polyolefins, organic fatty acids and wetting agents in hydrocarbon solvents.

**2. COMPOSITION INFORMATION**

COMPONENT	Amount	CAS #	
Petroleum Naphtha	10 – 20%	64742-94-5	TLV: Not established
**Toluene	30 – 40%	108-88-3	TLV: 100 ppm
Petroleum Naphtha	30 – 40%	64742-89-8	TLV: 400 ppm
Acetate Ester	5 – 10%	90438-79-2	TLV: Not established

**\*\* SUBJECT TO REPORTING REQUIREMENTS OF SARA 313 TITLE III**

**3. HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

Description: low viscosity pale yellow color resin solution. It may cause irritation to eyes and skin. Material is highly flammable.

**HMIS Rating**

Health	2
Flammability	3
Reactivity	0

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**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.

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**4. FIRST AID MEASURES**

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**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.

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**5. FIRE-FIGHTING MEASURES**

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**FLASH POINT:** <73°F / <23°C (C.O.C.)  
**EXTINGUISHING MEDIA:** Water Fog; Foam; CO<sub>2</sub>; 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.

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**6. ACCIDENTAL RELEASE MEASURES**

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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.

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**7. HANDLING AND STORAGE**

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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.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>PHYSICAL STATE:</b>	Liquid
<b>COLOR:</b>	Pale yellow
<b>ODOR:</b>	Aliphatic
<b>pH VALUE:</b>	Not applicable
<b>BOILING POINT:</b>	180 – 220°F / 82 – 104°C
<b>FLASH POINT:</b>	<73°F / <23°C (C.O.C.)
<b>AUTO IGNITION TEMP:</b>	N.A.
<b>MELTING POINT:</b>	Not applicable
<b>SPECIFIC GRAVITY @ 25°C:</b>	0.820
<b>VISCOSITY @ 25°C:</b>	< 50 cps
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>PERCENTAGE VOLATILE:</b>	98%
<b>EVAPORATION RATE:</b>	0.20 (CCL4=1)

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**10. STABILITY AND REACTIVITY**

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**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.

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**11. TOXICOLOGICAL INFORMATION**

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**ACUTE TOXICITY:**

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**12. ECOLOGICAL INFORMATION**

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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.

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**13. DISPOSAL CONSIDERATION**

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

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**14. TRANSPORT INFORMATION**

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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)	:

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**15. REGULATORY INFORMATION**

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

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

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**16. OTHER INFORMATION**

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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.

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