

# MATERIAL SAFETY DATA SHEET



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## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT NAME(S):</b> NOVUS Plastic Polish #3 (P/N 7080, 7081, 7082, & 7085)	<b>NOVUS I.D. NUMBER:</b> 7107
<b>CHEMICAL NAME:</b> NA	<b>PRODUCT USE:</b> Clean and restore plastic surfaces.

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS #	EXPOSURE LIMITS	LD50 (SPECIES & ROUTE)	LC50 (SPECIES)
Dipropylene Glycol Monomethyl Ether	3-7	34590-94-8	100 ppm (1,2) 50 ppm (4)	Rat: 5.4 mg/kg Rabbit, skin: >20 mg/kg	NE
Alumina (dust, as nuisance particulate, total)	10-30	1344-28-1	10 mg/m <sup>3</sup> (1) 15 mg/m <sup>3</sup> (2)	Rat: 3160 ml/kg	NE
Non-Hazardous: Water	60 - 80	7732-18-5			

**NOTES:** (1) ACGIH TLV (TWA) (2) - OSHA PEL (TWA) (3) - ACGIH STEL (4) - OSHA STEL (5) - MFR/SUPPLIER TLV  
LD 50 VALUES ARE VIA ORAL ROUTE UNLESS OTHERWISE INDICATED

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE:</b> Liquid	<b>APPEARANCE:</b> White, opaque - gel like	<b>ODOR:</b> Lemon
<b>VAPOR PRESSURE (mmHg):</b> NE	<b>% VOLATILE:</b> < 8	<b>VAPOR DENSITY (AIR=1):</b> NE
<b>EVAPORATION RATE (BuAc=1):</b> < 1	<b>BOILING POINT (deg C):</b> NE	<b>FREEZING POINT (deg C):</b> NE
<b>pH:</b> 7	<b>DENSITY (g/ml):</b> 1.188	<b>SOLUBILITY IN WATER:</b> Appreciable

## SECTION 4 - FIRE AND EXPLOSION DATA

<b>FLAMMABILITY</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>IF YES, UNDER WHICH CONDITIONS:</b>	<b>NFPA RATING:</b> 1 1 0 B	
<b>EXTINGUISHING MEDIA:</b> Water Spray, Carbon Dioxide, Dry Chemical, or Universal Foam.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None		
<b>FLASH POINT (PMCC) deg F:</b> >200	<b>UPPER FLAMMABILITY LIMIT (% BY VOLUME):</b> NE	<b>LOWER FLAMMABILITY LIMIT (% BY VOLUME):</b> NE
<b>AUTOIGNITION TEMPERATURE (deg C):</b> NE	<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Carbon Dioxide and Carbon Monoxide.	
<b>EXPLOSION SENSITIVITY TO IMPACT:</b> NE	<b>SENSITIVITY TO STATIC DISCHARGE:</b> No	

## SECTION 5 - REACTIVITY DATA

<b>CHEMICAL STABILITY:</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <b>IF NO, UNDER WHICH CONDITIONS:</b>
<b>INCOMPATIBILITY WITH OTHER SUBSTANCES:</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>IF SO, WHICH ONES?</b>
<b>REACTIVITY, AND UNDER WHICH CONDITIONS?</b> Product is not considered reactive.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Carbon Dioxide and Carbon Monoxide.

**PRODUCT NAME(S):** NOVUS Plastic Polish #3 (P/N 7080, 7081, 7082, & 7085)

## SECTION 6 - TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  INHALATION  INGESTION

**EFFECTS OF ACUTE EXPOSURE TO PRODUCT:** Eye contact may cause mild discomfort with slight irritation of the conjunctiva, seen as redness and watering. Swallowing may cause abdominal discomfort, nausea, and diarrhea.

**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:** Mild skin irritation with prolonged exposure.

**EXPOSURE LIMITS:**  
See section 2.

**IRRITANCY OF PRODUCT:**  
Mild: Eyes and skin

**SENSITIZATION TO PRODUCT:**  
NE

**CARCINOGENICITY:**  
None known

**TERATOGENICITY:**  
NE

**REPRODUCTIVE TOXICITY:**  
NE

**MUTAGENICITY:**  
NE

**SYNERGISTIC PRODUCTS:**  
NE

## SECTION 7 - PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

**CLOTHING (SPECIFY):**  
Wear chemical resistant gloves and clothing as needed to prevent prolonged skin exposure.

**RESPIRATORY (SPECIFY):**  
Not normally required.

**EYE (SPECIFY):**  
Safety glasses suggested if handling poses exposure risk.

**OTHER (SPECIFY):** If possible, eye wash and safety shower should be available.

**ENGINEERING CONTROLS (SPECIFY):**  
Specific needs should be addressed by health/safety personnel.

**LEAK/SPILL PROCEDURE:**  
Cover with absorbent material or flush with hot water. Collect and dispose following government regulations.

**WASTE DISPOSAL:**  
Follow all local, state, provincial, and federal regulations.

**HANDLING PROCEDURES/EQUIPMENT AND STORAGE REQUIREMENTS:** Use good manufacturing practices. Freezing may adversely affect product appearance, but not functionality.

**SPECIAL SHIPPING INFORMATION:**  
Keep from freezing. Not regulated by D.O.T.

**OTHER INFORMATION:**  
**HMIS Rating:**  
1 1 0 B

## SECTION 8 - FIRST AID MEASURES

**SYMPTOMS / EFFECTS OF OVEREXPOSURE:**  
May include mild redness and itching.

**EYES:** Flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Seek medical attention if irritation persists.

**SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

**INHALATION:** Move victim to fresh air and treat symptomatically. Seek medical attention if irritation persists.

**INGESTION:** Contact physician or other medical source.

## SECTION 9 - MSDS PREPARATION INFORMATION

**THIS MATERIAL SAFETY DATA SHEET 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 THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.**

**PREPARED BY:** NOVUS Inc. CHEMISTRY DEPARTMENT

**DATE:** 1-17-07