

# MATERIAL SAFETY DATA SHEET



**NOVUS Inc.**

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## SECTION 1 - PRODUCT IDENTIFICATION AND USE

|                         |   |                     |                                     |
|-------------------------|---|---------------------|-------------------------------------|
| <b>PRODUCT NAME(S):</b> | NOVUS Plastic Polish #1 (P/N 7020, 7024, 7026, 7050) -<br>Plastic Clean & Shine | <b>NOVUS I.D.</b>   | 7010                                |
| <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)  |
|-------------------|-------------|---------|------------------------------|------------------------|-----------------|
| Isopropyl Alcohol | 1 - 5       | 67-63-0 | 400 ppm (1,2)<br>500 ppm (4) | 5045 mg/kg (rat, oral) | 16000 ppm (rat) |

NOTES: (1) ACGIH TLV (TWA) (2) - OSHA PEL (TWA) (3) - ACGIH STEL (4) - OSHA STEL (5) - MFR/SUPPLIER TLV

\*\* REGULATED CHEMICAL REPORTABLE PER SECTION 313, TITLE III SARA AND 40 CFR372

## SECTION 3 - PHYSICAL DATA

|                                   |        |                               |                     |                                |             |
|-----------------------------------|--------|-------------------------------|---------------------|--------------------------------|-------------|
| <b>PHYSICAL STATE:</b>            | Liquid | <b>APPEARANCE:</b>            | White opaque liquid | <b>ODOR:</b>                   | Slight odor |
| <b>VAPOR PRESSURE (mmHg):</b>     | <33    | <b>% VOLATILE:</b>            | < 5                 | <b>VAPOR DENSITY (AIR=1):</b>  | NE          |
| <b>EVAPORATION RATE (BuAc=1):</b> | < 1    | <b>BOILING POINT (deg C):</b> | 99                  | <b>FREEZING POINT (deg C):</b> | NE          |
| <b>pH:</b>                        | NE     | <b>DENSITY (g/ml):</b>        | 1.0                 | <b>SOLUBILITY IN WATER:</b>    | Complete    |

## SECTION 4 - FIRE AND EXPLOSION DATA

|  |  |   |
|--|--|---|
| <b>FLAMMABILITY</b><br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | <b>IF YES, UNDER WHICH CONDITIONS:</b> | <b>NFPA RATING:</b><br>1 1 0  |
| EXTINGUISHING MEDIA: Use media suitable for surrounding materials.                         |  |   |
| SPECIAL FIRE FIGHTING PROCEDURES: No special procedures required.                          |  |   |
| <b>FLASH POINT (PMCC) deg F:</b>   | >200                                   | <b>UPPER FLAMMABILITY LIMIT: (% BY VOLUME)</b>                            |
| <b>AUTOIGNITION TEMPERATURE (deg C):</b>   | NE                                     | <b>HAZARDOUS COMBUSTION PRODUCTS:</b> Carbon Dioxide and Carbon Monoxide. |
| <b>EXPLOSION SENSITIVITY TO IMPACT: DATA</b>   | NE                                     | <b>SENSITIVITY TO STATIC DISCHARGE:</b> NE                                |

## SECTION 5 - REACTIVITY DATA

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

|   |  |  |                                    |
|---|--|--|------------------------------------|
| <b>PRODUCT NAME(S):</b> NOVUS Plastic Polish #1 (P/N 7020, 7024, 7026, 7050) - Plastic Clean & Shine  |  |  |                                    |
| <b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>   |  |  |                                    |
| <b>ROUTE OF ENTRY:</b> <input checked="" type="checkbox"/> SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION  |  |  |                                    |
| <b>EFFECTS OF ACUTE EXPOSURE TO PRODUCT:</b> May be mildly irritating to the eyes, nose, and throat. May cause mild skin irritation in certain individuals.   |  |  |                                    |
| <b>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:</b> Prolonged inhalation of mist may cause mild respiratory irritation.  |  |  |                                    |
| <b>EXPOSURE LIMITS:</b><br>See section 2.   | <b>IRRITANCY OF PRODUCT:</b><br>Mild: Eyes, skin, and respiratory  | <b>SENSITIZATION TO PRODUCT:</b><br>None reported or anticipated | <b>CARCINOGENICITY:</b><br>NE      |
| <b>TERATOGENICITY:</b><br>NE  | <b>REPRODUCTIVE TOXICITY:</b><br>NE  | <b>MUTAGENICITY:</b><br>NE                                       | <b>SYNERGISTIC PRODUCTS:</b><br>NE |
| <b>SECTION 7 - PREVENTIVE MEASURES</b>  |  |  |                                    |
| <b>PERSONAL PROTECTIVE EQUIPMENT</b>  |  |  |                                    |
| <b>CLOTHING (SPECIFY):</b><br>Not normally required; however, in situations of extended skin contact, neoprene or other chemical resistant gloves are recommended.  | <b>RESPIRATORY (SPECIFY):</b><br>Not normally required. For symptoms of overexposure, wear NIOSH - approved respirator for organic vapors. |  |                                    |
| <b>EYE (SPECIFY):</b><br>Not normally required; however, the use of safety glasses is recommended.  | <b>OTHER (SPECIFY):</b><br>If possible, eye wash and safety shower should be available.  |  |                                    |
| <b>ENGINEERING CONTROLS (SPECIFY):</b><br>Local exhaust may be necessary under some usage/handling conditions.<br>Specific needs should be addressed by health/safety personnel.  |  |  |                                    |
| <b>LEAK/SPILL PROCEDURE:</b><br>Wear personal protective equipment. Remove heat and ignition sources, ventilate area, clean up with inert absorbant.  |  |  |                                    |
| <b>WASTE DISPOSAL:</b><br>Waste may be burned in an approved incinerator or disposed of according to local, state, provincial, and federal regulations.   |  |  |                                    |
| <b>HANDLING PROCEDURES/EQUIPMENT AND STORAGE REQUIREMENTS:</b>  |  |  |                                    |
| Store in closed container in cool, dry location, away from direct sunlight and sources of intense heat.   |  |  |                                    |
| <b>SPECIAL SHIPPING INFORMATION:</b><br>KEEP FROM FREEZING<br>NOT REGULATED BY D.O.T.   | <b>OTHER INFORMATION:</b><br><br><b>HMIS Rating:</b><br>1 1 0 B  |  |                                    |
| <b>SECTION 8 - FIRST AID MEASURES</b>   |  |  |                                    |
| <b>SYMPTOMS / EFFECTS OF OVEREXPOSURE:</b> Respiratory irritation. High concentrations may cause headache, dizziness, and nausea. Prolonged or repeated exposure may lead to skin irritation and dermatitis. Eye contact may be irritating and may cause damage.  |  |  |                                    |
| <b>EYES:</b> Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.   |  |  |                                    |
| <b>SKIN:</b> Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.  |  |  |                                    |
| <b>INHALATION:</b> Move victim to fresh air and treat symptomatically. Seek medical attention if irritation persists.   |  |  |                                    |
| <b>INGESTION:</b> Contact local poison control center or physician IMMEDIATELY!   |  |  |                                    |
| <b>SECTION 9 - MSDS PREPARATION INFORMATION</b>   |  |  |                                    |
| <i>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.</i> |  |  |                                    |
| <b>PREPARED BY:</b> NOVUS Inc. CHEMISTRY DEPARTMENT   | <b>DATE:</b> 1-05-2010   |  |                                    |