

DP

77

## INDUSTRIAL SPRAY ADHESIVE

**DP 77 is an industrial strength aerosol spray adhesive.**

### Recommended Uses:

DP 77 may be used to bond galvanized metal, wood, fiberglass, cardboard, textiles and cloth.

### Features and Benefits

- Pressure Sensitive
- Fast Drying
- Permanent
- Web Spray
- High Temperature Resistant - Bonds maintained even after exposure to heat up to 200°F.
- Non-Misting
- No CFC's
- VOC Compliant

### Technical Data:

**Size:** Net wt. 12 oz.

**Base:** SBR Rubber

**Packing:** 12 cans per case

**Weight:** 9 lbs. per case

**Heat Resistance:** 200°F

**Flammability:** Extremely Flammable

### Directions For Use:

Shake can well before use and spray an even coat 6" - 8" from surface.

For best results, spray both surfaces and allow to dry until tacky to the touch.



11609 Martens River Circle  
Fountain Valley, CA 92708  
Toll Free 800.641.0808  
Phone 714.432.0600  
Fax 714.432.0660

**MATERIAL SAFETY DATA SHEET****SECTION I - IDENTIFICATION****PRODUCT NAME:** DP 77 INDUSTRIAL SPRAY ADHESIVE**MANUFACTURERS' NAME:** DESIGN POLYMERICS 11609 MARTENS RIVER CIRCLE,  
FOUNTAIN VALLEY, CA 92708**BUSINESS HOURS:** 7:30am – 4:30pm PT**EMERGENCY PHONE NUMBER:** (714) 432-0600; (800) 641-0808**CHEMICAL FAMILY:** SPRAY ADHESIVE (AEROSOL) NON-CHLORINATED **FORMULA:** PROPRIETARY**REVISION DATE:** December 16, 2002**DOT PROPER SHIPPING NAME:** ORM-D **CONSUMER COMMODITY****NFPA CODES:** HEALTH – 1 FLAMMABILITY – 3 CORROSIVE – 0 REACTIVITY - 0**SECTION II – COMPONENTS**

<u>INGREDIENT</u>	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>
ALIPHATIC HYDROCARBON	110-54-3	*500 PPM	50 PPM
PETROLEUM HYDROCARBON RESIN	219873	N/E	N/E
STYRENE-ISOPRENE BLOCK COPOLYMER	025038-32-8	NOT HAZARDOUS UNDER OSHA	
CYCLOHEXANE	110-82-7	N/E	N/E
ACETONE	67-64-1	*TWA1000 PPM	TWA750 PPM
HYDROCARBON PROPELLANT PROPANE	68-476-86-8	800 PPM	800 PPM

\* If present, IARL, NTP, and OSHA carcinogens and chemical subject to the reporting requirements of SARA TITLE III, SECTION 313 are identified in this section.

**SECTION III - PHYSICAL DATA****BOILING POINT FOR PRODUCT:** -44°F to 302°F **VAPOR PRESSURE FOR PRODUCT:** 50 PSIG@ 75° F**VAPOR DENSITY FOR PRODUCT:** HEAVIER THAN AIR **SPECIFIC GRAVITY:** 0.801**VOC (GRAMS PER LITER):** AEROSOL < 55% **WATER SOLUBILITY:** SLIGHT**APPEARANCE:** GRAYISH LIQUID **VOC – WEB SPRAY ADHESIVE:** CARB < 55%**SECTION IV – FIRE AND EXPLOSION HAZARD DATA****FLASH POINT(TCC):** LEVEL 3 AEROSOL**EXPLOSIVE LIMIT (PRODUCT):** LOWER – 0 1.0 **UPPER – 6.0**

**GENERAL HAZARD:** Combustible liquid, can form combustible mixtures at temperatures at or above the flashpoint. Static Discharge, material can accumulate static charge, which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT cut, weld, braze, solder, drill or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

**FIRE FIGHTING:** Use water spray to cool fire-exposed surfaces and to protect personnel. Isolate fuel supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

**SECTION V - HEALTH HAZARD DATA**

**GENERAL:** This material is an aspiration hazard and de-fats the skin. Breathing vapors of high concentrations may cause CNS depression.

**EYE CONTACT:** Slightly irritating but does not injure eye tissue.**SKIN CONTACT:** Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.**INHALATION:** High vapor/aerosol concentrations (greater than approx. 100 ppm) are irritation to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.**INGESTION:** Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possible minimal toxicity.**EMERGENCY FIRST AID PROCEDURES:****EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.**SKIN CONTACT:** Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.**INHALATION:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Get prompt medical attention.**INGESTION:** If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.**PERCAUTIONS:**

**SPECIAL PERCAUTIONS:** Health studies have shown that many hydrocarbons pose potential human health risks that may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

**PERSONAL PERCAUTIONS:** For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits and work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

**VENTILATION:** The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

**(PROPOSITION 65):** SEC05: State of California Safe Drinking Water and Toxic Enforcement Act of 1986 warning: In accordance with Prop 65, this product contains a chemical(s) known to the State of California to cause cancer, birth defects and other reproductive harm.

**SECTION VI – REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Not applicable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMP PRODUCTS:** None

**MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY:** Strong oxidizing agents.

**SECTION VII – SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:** Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

**WASTE DISPOSAL METHOD:** Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

**SECTION VIII – PROTECTIVE EQUIPMENT TO BE USED**

**VENTILATION REQUIREMENT:** Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

**RESPIRATORY PROTECTION:** Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

**EYES:** Face shield and goggles or chemical goggles should be worn.

**GLOVES:** Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

**OTHER CLOTHING EQUIPMENT:** Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well-ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

**RESPIRATORY PROTECTION:** In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

**SECTION IX – SPECIAL PRECAUTIONS OR OTHER COMMENTS**

**HANDLING, STORAGE AND DECONTAMINATION PROCEDURES:** When utilizing pressurized containers follow standard safety practices for handling aerosols.

**GENERAL COMMENTS:** Do not store at temperatures above 120°. Odor is not an adequate warning of potentially hazardous concentrations in air. Releases of these gases may cause a flammable atmosphere with explosion potential.

**PRECAUTIONARY STATEMENTS:** Please read and follow the directions on the product label. They are your best guides to using this product in the most effective way. Give the necessary safety precautions to protect your health.

**ADDITIONAL COMMENTS:** The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

**SECTION X - DISCLAIMER**

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