ISSUED 5-1-03

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTITY

MANUFACTURER'S NAME: Union Rubber, Inc.
REGULAR TELEPHONE NO. (609) 396-9328
EMERGENCY TELEPHONE NO. (606) 324-1133
ADDRESS: 232 Allen Street, Trenton, New Jersey 08606 P.O. Box 1040
COMMON NAME Best-Test Super Spray Adhesive
CAS. NUMBER See Section 2
CHEMICAL NAME Polymeric mixture containing organic solvents
CHEMICAL FAMILY Moisture pressure sensitive coatings
FORMULA N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL ANDCOMMON NAME(S)	CAS #	TLV	VAPOR PRESS @ 20º C	LEL	UEL	FLASH POINT DEG. F
Acetone	67-64-1	750 ppm	185 mmHg	2.6	12.8	-4 (TCC)
N-Hexane	110-54-3	50 ppm	140 mmHg	1.2	7.5	0 (COC)
Dimethyl Ether	115-10-6	1000 ppm	71 psig	3.4	18.0	-42 (TOC)

NOTE: Refer to Section 8 for content breakdown and SARA Title III information.

N/A = Not Available and/or Not Applicable

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion)

BOILING POINT (Deg. F) Concentrate Range: 149 - 159 Propellant: -13.0
SPECIFIC GRAVITY (Water = 1) Concentrate: .75 Propellant: .66
VAPOR PRESSURE (mmHg) See Section 2
VOC % BY WEIGHT <70%
VAPOR DENSITY (Air = 1) >1
EVAPORATION RATE (BA = 1) >1
SOLUBILITY IN WATER Negligible
REACTIVITY IN WATER None
APPEARANCE AND ODOR
CONCENTRATE: Light brown liquid with a characteristic odor
PROPELLANT: Colorless, odorless gas
FINISHED PACKAGE: Pressurized containers
FLASH POINT See Section 2
FLAMMABLE LIMITS IN AIR % BY VOLUME See Section 2
EXTINGUISHER MEDIA Dry chemical, carbon dioxide, foam
AUTO-IGNITION TEMPERATURE Unknown
SPECIAL FIRE FIGHTING PROCEDURES Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure respiratory protection.
UNUSUAL FIRE AND EXPLOSION HAZARDS: *EXTREMELY FLAMMABLE*. Contents under pressure. Do not use or store near heat, open flame or ignition sources. Containers may burst at temperatures above 130ºF.

SECTION 4 - PHYSICAL HAZARDS

STABILITY Stable
CONDITIONS TO AVOID Avoid any excessive heat, ignition sources, open flames, or other high temperatures which induce thermal decomposition.
INCOMPATIBILITY (Materials to Avoid) Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide
HAZARDOUS POLYMERIZATION Will not occur. Conditions to avoid: Not Applicable
CONDITIONS TO ADOID: Not Applicable

SECTION 5 - HEALTH HAZARDS

THRESHOLD LIMIT VALUE	See Section 2
SIGNS AND SYMPTOMS OF EXPOSURE	EYE CONTACT: Can cause irritation, redness, tearing, blurred vision. Vapors may irritate eyes SKIN CONTACT: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Overexposure may cause damage to the nervous system. INGESTION: If aspirated (liquid enters the lungs), it may be readily absorbed through the lungs and result in injury to other body systems.

CHRONIC EFFECTS: THIS PRODUCT CONTAINS N-HEXANE. OVEREXPOSURE TO N=HEXANE MAY CAUSE PROGRESSIVE AND POTENTIALLY IRREVERSIBLE DAMAGE TO THE PERIPHERAL NERVOUS SYSTEM, PARTICULARLY IN THE ARMS AND LEGS.

SIMULTANEOUS EXPOSURE TO THE VAPORS OF N-HEXANE AND METHYL ETHYL KETONE "MEK" OR TO N-HEXANE AND METHYL ISOBUTYL KETONE "MIBK" ABOVE THE RECOMMENDED WORKPLACE LIMITS INCREASES THE RISK OF ADVERSE EFFECTS FROM N-HEXANE. EVIDENCE IN LABORATORY ANIMALS AND HUMANS INDICATES THAT IN THE PRESENCE OF MEK OR MIBK, THE NEUROPATHY ASSOCIATED WITH N-HEXANE IS PRODUCED IN A SHORTER PERIOD OF TIME OR AT LOWER EXPOSURE CONCENTRATIONS. THERE IS NO REPORTED HUMAN EVIDENCE THAT THESE NEUROTOXIC EFFECTS OCCUR WHEN EXPOSURE TO THESE CHEMICALS IS MAINTAINED BELOW ESTABLISHED OSHA AND ACGIH LIMITS.

IMPORTANT NOTICE: REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENT MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, AND LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN
NATIONAL TOXICOLOGY PROGRAM: No
I.A.R.C. MONOGRAPHS: No
OSHA: NO

OSHA PERMISSIBLE EXPOSURE LIMIT See Section 2
ACGIH THRESHOLD LIMIT VALUE See Section 2
OTHER EXPOSURE LIMITED USED None

EMERGENCY AND FIRST AID PROCEDURE

1. INHALATION	Remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing isdifficult, give oxygen. Call physician.
2. EYES	Flush with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
3. SKIN	Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.
4. INGESTION	Do not induce vomiting. Call a physician immediately.

SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION	NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.
VENTILATION	LOCAL EXHAUST: To keep below TLV. MECHANICAL: (General): To keep below TLV. SPECIAL: None OTHER: None
PROTECTIVE GLOVES	Solvent resistant gloves - impervious gloves
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	None reasonably foreseeable

SECTION 7 - SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Do not store above 120ºF. Avoid breathing vapors. Vapors are heavier than air and will collect in low areas.
OTHER PRECAUTIONS	Extremely flammable. Contents under pressure. Do not puncture or incinerate. Avoid skin contact.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment. LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies. Use proper protective equipment.
WASTE DISPOSAL METHODS	Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

SECTION 8 - PERCENTAGE OF HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME(S)	CAS. #	APPROX. % BY WT.	SUBJECT TO SECTION 313 OF SARA TITLE III
Acetone	67-64-1	10 - 20	NO
N-Hexane	110-54-3	20 - 30	NO
Dimethyl Ether	115-10-6	30 - 40	NO

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.