

IDEAL

IDEAL (VS) LTD

SUITE-151, RYDERS LANE,
PEOPLES PLAZA, MILLTOWN
NEW JERSEY – 08850, U.S.A.
TEL : 732-246-0337
FAX : 732-246-0523

MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PART NO. / TRADE NAME: **IVS 80**

COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	CAS Numbers	Proportion
Chloroprene Rubber (Neoprene)	25053-30-9	15-20%
Acetone	67-64-1	8-10%
Toluene	108-88-3	30-40%
Ethyl Acetate	141-78-6	5-6%
Methyl Ethyl Ketone	78-93-3	4-5%
Isopropyl Alcohol	67-63-0	4-5%
Glycerol	56-81-5	6-8%
Maleic Anhydride	108-31-6	8-12%
Pentaerithrytol	115-77-5	6-8%

PHYSICAL / CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: Red, sticky liquid – typical solvent odor
BOILING POINT: 156F, 69C
SPECIFIC GRAVITY: 0.66
EVAP. RATE (Ether=1): 1.9
SOLUBILITY IN WATER: Negligible
PERCENT VOLATILES BY VOLUME: 70

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <0F, <-18C
LOWER EXPLOSIVE LIMIT: 1.1%
HIGHER EXPLOSIVE LIMIT: 7.5%
EXTINGUISHING MEDIA: Foam, CO2 / dry chemical
SPECIAL FIRE FIGHTING PROC: Wear NIOSH/MSHA approved SCBA & full protective equipment (FPN). Avoid spreading burning liquid w/water used for cooling.
UNUSUAL FIRE AND EXPL HAZARDS: Keep work areas free of hot metal & other ignition sources

REACTIVITY DATA

STABILITY: Yes
CONDITION TO AVOID (Stability): None
MATERIALS TO AVOID: Strong oxidizing agents, strong acids & bases, selected amines
HAZARDOUS DECOMP PRODUCTS: Carbon monoxide and carbon dioxide

HEALTH HAZARD DATA

LD50-LC50 MIXTURE: None
ROUTE OF ENTRY – Inhalation: Yes
ROUTE OF ENTRY – Skin: Yes
ROUTE OF ENTRY – Ingestion: Yes
HEALTH HAZ ACUTE AND CHRONIC: Acute: Dizziness, lightheadedness, headache
Chronic: Poss assoc w/exposure to solvent in product & respiratory tract irritation, liver damage, kidney damage, nausea and vomit

IDEAL

IDEAL (VS) LTD

SUITE-151, RYDERS LANE,
PEOPLES PLAZA, MILLTOWN
NEW JERSEY – 08850, U.S.A.
TEL : 732-246-0337
FAX : 732-246-0523

	Skin: Irritation
	Eyes: Irritation
	Inhaled: High vapor concentration (>1000ppm) are irritating to respiratory tract, may cause headache.
CARCINOGENICITY – NTP:	No
CARCINOGENICITY – IARC:	No
CARCINOGENICITY – OSHA:	No
SIGNS SYMPTOMS OF OVEREXP:	Health hazard and dizziness are anaesthetic and may have other CNS effects. Presence of organic solvents in this product represents a possible hazard of producing peripheral polyneuropathy, a progressive disorder of CNS, which with sufficient high exposure has potential of becoming irreversible.
EMERGENCY / FIRST AID PROC:	Skin: Remove contaminated clothes. Wash thoroughly with soap and water for at least 15 mins. Eyes: Flush with lots of water for 15 minutes, hold lids open. Get medical attention Inhaled: If breathing difficulty, dizziness, light headedness occur when working in areas w/high vapor concentration, victim should seek air free of vapors. If breathing difficulties persist, administer oxygen until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek immediate medical attention. Ingested: Don't induce vomiting. Obtain medical attention in all cases

PRECAUTIONS OF SAFE HANDLING AND USE

STEPS IF MATL RELEASED / SPILL:	Keep ignition sources and hot metal surfaces isolated from the spill.. Avoid contact w/ skin & breathing of vapors. Ventilate area. Scrape material into containers using non-sparking tools.
WASTE DISPOSAL METHOD:	Dispose of in accordance with local, state and federal regulations
PRECAUTIONS-HANDLING/STORING:	Keep tightly closed in cool, dry ventilated area. Protect from static discharge.
OTHER PRECAUTIONS:	Keep away from open flames & other ignition sources. Follow all label warnings even after container is emptied. Don't breathe vapors / spray mist.

CONTROL MEASURES

RESPIRATORY PROTECTION:	Use of NIOSH/MSHA approved resp is advised when conc exceed established expos limits. Depending on measured airborne concentration, use a NIOSH/MSHA respirator or gas mask w/approp cartridges and cannisters or supplied air equipment.
VENTILATION:	Maintain positive ventilation, Don't suck vapor laden air thru non-explosion proof fans/equipment
PROTECTIVE GLOVES:	Impermeable
EYE PROTECTION:	Chemical work goggles and full length face shield
OTHER PROTECTIVE EQUIPMENT:	Eye washes and safety showers in work area recommended. Impermeable aprons

Whilst the information contained in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information
