

XEROX

## Material Safety Data Sheet

MSDS No: I-5004  
Date: 3/4/92  
Revision: 7/12/93

Manufacturer:  
3M  
St. Paul, Minnesota  
65144-1000

Distributor:  
Xerox Corporation  
Rochester, New York 14644

Health Emergency Tel No.: (716)422-2177  
Transportation Emergency: (716)422-1230  
Safety Information Tel No.: (800)828-6571

### Section I - Product Identification

Trade Names/Synonyms: Scotch Grip (TM) 2262 Plastic Adhesive

Part No.: 63P77

Chemical Name:

<u>Ingredients</u>	<u>CAS No.</u>
Acetone (70-80%)	67-64-1
Acrylic polymer (20-30%)	31229-87-5
Tetrahydrofuran (1-10%)	109-99-9
Glycerol esters of rosin acids (1-10%)	8050-31-5
Acrylonitrile-butadiene polymer (1-10%)	9003-48-3

### Section II - Emergency and First Aid

Eyes:	Flush with plenty of water for at least 10 minutes. Call a physician.
Skin:	Wash with soap and water.
Inhalation:	Remove to fresh air. Call a physician
Ingestion:	Do <b>NOT</b> induce vomiting. Immediately call a physician or poison control center.
Primary Route of Entry:	Inhalation
Symptoms of Overexposure:	Headache, dizziness, weakness, fatigue, and on extreme overexposure, unconsciousness.

### Section III - Toxicology and Health Information

*This material has been evaluated by 3M.*

Eye Irritation:	Liquid contact with the eye may cause severe eye irritation. Vapor may cause eye irritation.	TLV: 1780 mg/m <sup>3</sup> (acetone) 590 mg/m <sup>3</sup> (tetrahydrofuran)
Skin Sensitization:	May cause irritation on prolonged or repeated contact.	PEL: 2400 mg/m <sup>3</sup> (acetone) 590 mg/m <sup>3</sup> (tetrahydrofuran)
Inhalation:	Vapor overexposure may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Repeated overexposure to tetrahydrofuran (THF) vapors may cause liver, kidney and lung damage, blood changes and nervous systems effects and severe headache based on animal studies. Overexposure to acetone may cause heart, liver, kidney and blood damage. Symptoms of overexposure may include headache, dizziness, weakness, fatigue and, on extreme overexposure, unconsciousness.	STEL: 2375 mg/m <sup>3</sup> (acetone) 735 mg/m <sup>3</sup> (tetrahydrofuran) Ceiling: None established
Ingestion:	May cause digestive system irritation. Solvent aspiration into the lungs as a result of vomiting may cause lung and, in extreme, may be fatal. Symptoms following ingestion include irritation, nausea, vomiting and difficult breathing.	
Damage		

This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 72.

N.A. - Not Applicable N.E. -None Established N.D. -Not Determined

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**Section IV - Physical Data**

Appearance/Odor:	Clear liquid / ketone odor	Softening Range:	N.A.
Boiling Point:	132 °F	Melting Point:	N.A.
Solubility in Water:	0.1-1.0%	Specific Gravity (H <sub>2</sub> O=1):	0.89
Evaporation Rate	1.9 (ether =1)	Vapor Pressure (mm Hg):	180 at 68°F
Vapor Density (Air=1):	2	pH=	N.D.
Volatile	76% (Wgt) N.D.% (Vol.)	VOC=	656 gm/l

**Section V - Fire and Explosion Data**

Flash Point (Method Used):	0.00°F	Flammable Limits	LEL: 2.6% UEL: 12.8%
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Extinguishing Media: CO<sub>2</sub>, foam, or dry chemical

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus when fighting fires involving this material.

Fire and Explosion Hazards: Extremely flammable. Overheated, closed containers adjacent to fire could explode due to pressure buildup

**Section VI -Reactivity Data**

Stability: Stable Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: Thermal decomposition or burning may produce C,H, N decomposition products.

Incompatibility (Materials to Avoid): N.A.

**Section VII - Special Protection Information**

Respiratory Protection: Use in spraying booth or other local exhausted area.  
 Eye Protection: Goggles or full face shield is recommended.  
 Protective Gloves: Polyvinyl alcohol (PVA) gloves are preferred, although they offer limited protection and readily dissolve in water. Use engineering controls to prevent skin contact whenever possible in preference to gloves.  
**WARNING:** tetrahydrofuran readily permeates many types of industrial gloves.

**Section VIII - Special Precautions**

Handling and Storage: Keep container closed when not in use.

Conditions to Avoid: Keep away from heat, sparks, flame and other sources of ignition. The vapors released by this product can be easily ignited and burned explosively. Use only in areas with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Avoid prolonged breathing of vapors/spray.

**Section IX- Spill, Leak, and Disposal Procedures**

For Spills or Leakage: Extinguish all ignition sources. Ventilate the area. Observe precautions from other sections. Contain the spill. Cover with absorbent materials as needed. Collect the spilled material using non-sparking tools. Place in a U.S. Department of Transportation-approved metal container and seal.

Waste Disposal Method: Incinerate absorbed and bulk product after mixing with flammable material in a licensed hazardous waste facility. Disposal should be in accordance with applicable regulations. U.S. EPA Hazardous Waste No.: D001 (ignitable).

**Section X - Transportation Information**

<u>Proper Shipping name</u>		<u>Hazard Class</u>	<u>Packing Group</u>	<u>UN ID#</u>	<u>small quantity exception may apply</u>
IM-181	Adhesive	3	II	UN 1133	yes
.A.T.A.	Adhesive	3	II	UN 1133	yes
.M.D.G	Adhesive	3.2	II	UN 1133	yes