MATERIAL SAFETY DATA SHEET

NEW SKIN

BIN # 585

255034
232397
218834
143834

•420914
•420913
•420916
•504219

Medtech
P.O. Box 1108
3510 North Lake Creek Dr.
Jackson, WY 83001
***IN CASE OF EMERGENCY*: 307-733-1680**

SECTION I: GENERAL INFORMATION

Chemical Name: Nitrocellulose Solution
Chemical Family: Lacquer / Varnish
DOT Shipping Name: Paint, Flammable Liquid, UN 1263
DOT Hazard Class: Flammable
Manufacturer: Scholle Corporation

SECTION II: HAZARDOUS INGREDIENTS/SARA III INFORMATION

		Occupational Exposure Limits		Vapor Pressure		Weight
Hazardous Components	CAS Number	OSHA Pel	ACGIH TLV Other	mm Hg @ Temp		Percent
Cellulose Nitrate	9004-70-0				N/A	
Isopropanol	67-63-0		400 ppm	31.2	68F	< 5.0%
Ethyl Acetate	141-78-6	400 ppm	400 ppm	86.0	68F	40
Butyl Acetate	123-86-4		100 ppm	10.0	68F	25
Ref. Amyl Acetate	628-63-7		100 ppm	4.0	68F	20
Ethanol	64-17-5		1000 ppm	47.0	68F	5

No toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CPR 372 are present. All components of this product are TSCA registered. DOT description flammable liquids, N.O.S. (ethyl acetate, butyl acetate), 3, UN1993, PGII

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 172 to 294 Deg F
Vapor Density: Heavier that air
Coating V.O.C.: 6.86 lb/gl (821 g/l)
Material V.O.C.: 6.86 lb/gl (821 g/l)
Solubility in water: Slight
Appearance and odor: Solvent odor mild to sweet. Clear to amber liquid.

Specific Gravity (H2O=1): 0.9
Evaporation Rate: Slower than ether

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point: 24 Deg F Method used: TCC
Flammable limits in air by volume- Lower: 1.1% Upper: 21.0%
Extinguishing Media: Foam, alcohol foam, Co2, dry chemical, water fog.
SPECIAL FIREFIGHTING PROCEDURES: Keep containers in storage cool with water to prevent pressure build up and bursting. Self-contained breathing apparatus should be worn to protect firefighters from toxic degradation products.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dry nitrocellulose resin is extremely flammable and burns explosively. Avoid friction and impact to any quantity of dry resin. Burning rate increases with quantity and confinement. Toxic degradation products include; oxides of nitrogen, CO and Co2. Dense toxic smoke is formed when material burns.

SECTION V: REACTIVITY DATA

STABILITY: stable
CONDITIONS TO AVOID: Heat, sparks, flames and other sources of ignition. Avoid allowing unmodified resin to become dry, avoid friction and impact.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, acids, bases, and amines.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of nitrogen, carbon monoxide, carbon dioxide and other toxic gasses.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI: HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Headache, lethargy, drowsiness, weakness, difficulty walking, personality change, poor appetite, nausea and weight loss. Prolonged exposure to vapors in concentrations in excess of TLV can cause damage to kidneys, blood and nervous system.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Liquid may cause eyes to become irritated, prolonged exposure to skin may cause drying and cracking.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged absorption of material thru skin could cause damage to blood, kidneys and nervous system.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Headache, lethargy, drowsiness, weakness, difficulty walking, personality change, poor appetite, nausea and weight loss.

HEALTH HAZARDS (ACUTE AND CHRONIC): Vapor irritating to eyes, nose and throat. Liquid irritating to eyes and skin. Prolonged and repeated exposure to vapor

concentrations in excess of TLV or thru prolonged absorption thru skin may cause damage to blood, kidneys and nervous system.

CARCINOGENICITY: NTP?- NO IARC MONOGRAPHS?- NO OSHA REGULATED? -NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Give oxygen if breathing is difficult. Get professional medical attention immediately.

Eye or skin contact: Immediately flush with plenty of fresh water. Remove contaminated shoes and clothing. Get medical attention.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Immediately eliminate all possible sources of ignition. Use an appropriate absorbent . Large spills may be flushed into a suitable containment area with water. Do not use ferrous tools to scrape material from floor or other surfaces. See below.

WASTE DISPOSAL METHOD: Disposal of this material is regulated by federal, state, and local hazardous waste regulations. Please consult appropriate agencies for current information. Hazardous liquids must be incinerated, any solid absorbent or residual material recovered from a spill must be disposed of in accordance with local, county, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers tightly closed, cool, dry and away from sources of heat, sparks, and ignition. Remember; dry nitrocellulose is extremely flammable; avoid accumulating large quantities of dry resin. Dry resin may ignite from sparks, flame, friction or impact. Use with adequate ventilation

OTHER PRECAUTION: Use only non-sparking tools.

SECTION VIII: CONROL MEASURES

REPIRATORY PROTECTION: Use a NIOSH approved cartridge respirator for vapor concentrations above time weighted average TLV.

VENTILATION: Mechanical or supplemental local exhaust may be required to keep vapor concentrations below TLV.

PROTECTIVE GLOVES: Chemical resistant gloves and apron are recommended.

EYE PROTECTION: Face shield or goggles required. Eye wash and safety shower in the working area are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Chemical resistant apron. Conductive sole shoes. Clothing of cotton or other fabric not prone to static build up are all recommended.

SECTION IX: DISCLAIMER

To the best of our knowledge the above statements are true. We cannot anticipate every condition of use, or control how our products are handled outside our plant. Therefore, the above statements do not express or imply any warrant, or guarantee of accuracy or applicability. Please consult local, state, and federal agencies for current regulatory status of material.