SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name : Secure Solvent

Product Code : B-508

Intended Use(s) : Cleaning silicone adhesive residue from the prosthesis and skin

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated PO
Box 1339
5642 White Mountain Ave Lakeside
AZ 85929
928-537-8387
800-332-8688
www.factor2.com
sales@factor2.com

EMERGENCY TELEPHONE NUMBERS
Factor II, Incorporated 1 928 368 7502

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification Flammable Liquids Category 3
Aspiration Hazard Category 1
Eye Irritation Category 2B
Skin Irritation Category 2
Specific Target Organ Toxicity-Single Exposure (narcotic effects) –
Category 3
Static Accumulating Liquid

Signal Word DANGER!

Hazard Statements Flammable liquid and vapor
May be fatal if swallowed and enters airways.
Causes eye irritation
Causes skin Irritation
May cause respiratory irritation; or May cause drowsiness or
dizziness

Other Hazard Information Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment
Sparks may ignite liquid and vapor may cause flash fire.
Liquid conductivity is <100 pS/m (picosiemans/meter) at 77°F

GHS Pictogram

Precautionary Statements

Do not breathe mist or vapors
Use only outdoors or in a well-ventilated area
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
If swallowed: immediately call a poison center or doctor.
Do NOT induce vomiting.
Store Locked up
Store in a well-ventilated place.
Wear protective gloves/clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces.
–No smoking
Keep container tightly closed
Ground/bond container and receiving equipment. This alone may be insufficient to remove static electricity.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools
If on skin: take of immediately all contaminated clothing.
Rinse skin with water/shower.
Store in a well-ventilated place. Keep cool.
Wash thoroughly after handling.
If in eyes: rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: get medical attention/advice.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Dispose of contents in accordance with local /regional /national/ international regulations

Hazardous Ingredient	CAS Number	Concentration (%)
Stoddard solvent	8052-41-3	>=90 - <=100

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

SECTION 4: FIRST-AID MEASURES

Eyes
Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation
Move exposed person to fresh air.

Ingestion
DO NOT INDUCE VOMITING. If conscious, rinse out mouth with water.

Symptoms(Acute and delayed)
Exposure to high concentrations of vapors may cause irritation to the eyes, nose and throat, nausea, and dizziness.

Note to Physicians No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use dry chemical, CO_2, water spray (FOG) or foam

Unsuitable Extinguishing Media
Avoid solid water stream as it may scatter and spread fire.

Specific Hazards Arising from Chemical
Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.
This product is a static accumulating liquid. Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause flash fire. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminates. Restrict flow velocity to avoid build-up of static charge. Refer to NFPA 77, API 2003, and CENELEC CLC/TR 50404 for further guidance.

Protective Equipment and Precautions for Firefighters
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas.
Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precautions
Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment
Stop leak if without risk. Use absorbent pads or earthen dams to contain.

Methods for Cleanup
A vapor suppressing foam may be used to reduce vapors. Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick
up and transfer to properly labeled container

SECTION 7: HANDLING AND STORAGE

Handling Procedures
Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Use non-sparking tools.

Shipping and Storing Procedures
Store in accordance with local regulations. Store in a segregated and approved area. Keep in the original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Do not store in unlabeled containers. Store and use away from heat, sparks, open flame or any other ignition source. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers that retain product residue may
be hazardous.

Incompatibilities:
Oxidizing Agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits
Stoddard Solvent

ACGIH TLV:	TWA:	100 ppm	TWA: N/A mg/m^3	STEL:	N/A ppm	STEL:	N/A mg/m^3
OSHA PEL:	TWA:	500 ppm	TWA 2900 mg/m^3	STEL:	N/A ppm	STEL:	N/A mg/m^3
NIOSH REL:	TWA: N/A ppm		TWA 350 mg/m^3	STEL:	N/A ppm	STEL:	N/A mg/m^3
NIOSH Ceiling:	1800 mg/m^3 (15 minutes)						

Engineering Controls This product is a static accumulating liquid. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Material should be handled in enclosed vessels and equipment. Use only in adequate ventilation. Use process enclosures, local

exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Eye/Face Protection Chemical goggles and face shield.

Skin Protection Chemical resistant, impervious gloves complying with an approved standard should be worn at all times. Coveralls, apron, and boots as necessary to minimize contact.

Respiratory Protection Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicated this is necessary. Respirator selection must be based on known or anticipated exposure levels.

General Hygiene Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless	**Flammability**	Flammable Liquid and vapor
Physical State	Liquid	**Upper/Lower Flammability Limits**	Upper: 7.5% Lower: 1.0%
Odor	Petroleum Solvent	**Vapor Pressure (mm Hg at 20°C)**	0.62
Odor Threshold	Not Available	**Vapor Density**	Not Available
pH	Not Available	**Relative Density (lbs/gal)**	6.43
Melting/Freezing Point (°F)	Not Available	**Water Soluble**	No
Initial Boiling Point (°F)	310	**Partition Coefficient: n-octanol/water**	Not Available
Boiling Range (°F)	310-393	**Auto-ignition Temperature (°F)**	752
Flash Point (°F) Tag Closed Cup ASTM D-56	105	**Decomposition Temperature (°F)**	Not Available
Evaporation Rate	Not Available	**Viscosity (40°C mm²/s)**	1.8
Volatile Organic Compounds (g/L)	770.3	**Aromatic Content (Typical Vol %)**	10.5

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Polymerization will not occur

Chemical Stability
Stable under normal conditions. If heated, product's static accumulation will rise and could cause

flash fire.

Hazardous Reactions
None, under normal processing.

Conditions to Avoid
High temperatures, flames, sparks

Incompatibility
Strong acids and oxidizing materials

Hazardous Decomposition Products
Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Exposure
Respiratory Irritation
An inhalation hazard may only arise if product is used in aerosol conditions or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract.

Eye Irritation
Causes mild eye irritation that is reversible with proper care.

Skin Irritation
Causes mild skin irritation that is reversible with proper care.

Sensitization
Not expected to cause skin or respiratory sensitization.

Aspiration Hazard
If swallowed can be aspirated into lungs and cause chemical pneumonia, varying degrees of pulmonary injury or death. If swallowed, do NOT induce vomiting.

Chronic Exposure
Target Organ Effects
Vapor/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death. Prolonged or repeated direct exposure to the skin results in symptoms of irritation and redness, dermatitis or oil acne.

Carcinogenicity
No data available to indicate product or any components present at greater than .1% are carcinogenic.

Mutagenicity
No data available to indicate product or any components present at greater than .1% are

mutagenic or genotoxic.

Reproductive Toxicity
No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity.

Teratogenicity No data available to indicate product or any components contained at greater than .1% may cause birth defects.

Analysis – LD50 / LC50

Inhalation LC50 Rat	>5	mg/L (4Hr mist)
Oral LD50 Rat	>5000	mg/kg
Dermal LD50 Rabbit	>2000	mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Component Analysis- Ecotoxicity – Aquatic Life

Duration/Test/Species	**Concentration/Conditions**	
96 hr LL50 *Oncorhyncus mykiss*	8.2	mg/L
48 hr EL50 *Oncorhyncus mykiss*	32	mg/L
96 hr EL50 *Scenedesmus subspicatus*	45	mg/L
Chronic Survival NOELR Aquatic Vertebrates	2.6	mg/L
Chronic Growth NOELR Aquatic Vertebrates	2.6	mg/L
Chronic Survival NOELR *Daphnia magna*	16	mg/L
Chronic Reproduction EL 50 *Daphnia magna*	10	mg/L
Chronic reproduction NOELR *Daphnia magna*	2.6	mg/L

Persistence & Degradability
Inherently biodegradable

Bioaccumulation Potential
Not Available

Soil Mobility
Not Available

Other Adverse Effects
Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions
The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

SECTION 14: TRANSPORT INFORMATION

Emergency Response Guide No. 128 *North American Emergency Response Guide Book*

	UN Number	Shipping Name (technical name)	Hazard Class	Packing Group	Labels/ Plackard
U.S. DOT Bulk (over 119 gallons)	1268	Petroleum Distillates, N.O.S. (Naphtha Solvent)	Combustible Liquid	III	
U.S. DOT Non-Bulk		Not Regulated			Exempt
IATA	1268	Petroleum Distillates, N.O.S. (Naphtha Solvent)	3	III	
IMDG	1268	Petroleum Distillates, N.O.S. (Naphtha Solvent)	3	III	
STCC		4914256			

SECTION 15: REGULATORY INFORMATION

SARA Extremely Hazardous Substances (Sections 302 & 304)
This product does not contain greater than 1% of any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 311 & 312 Classifications
Physical Hazards Yes
Flammable Liquid
Static Accumulating Liquid

Health Hazards Yes
Aspiration Hazard Eye Irritant
Skin Irritant

Specific Target Organ Toxicity

CERCLA
This product contains the following components listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4:
NONE

California Prop 65
This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

California Air Resource 15

Board (CARB) Bin Number

Global Chemical Inventories

Inventory	
US TSCA	Present*
EU	Present
Japan	Not available
Australia	Present
New Zealand	Present
Canada	Present
Switzerland	Not available
Korea	Present
Philippines	Present
China	Present
Taiwan	Not available

SECTION 16: OTHER INFORMATION

US NFPA Ratings

Health	Fire	Reactivity
1	2	0

HMIS Ratings

Health	Fire	Physical Hazard
1	2	0

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