SAFETY DATA SHEET

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union Reach Regulation, Directives 67/548/EC & 1999/45/EC and CLP Regulation 1272/2008/EC

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):	**Stronghold 7036 Blanchard Wax**
PRODUCT USE:	
U.N. NUMBER:	None
U.N. DANGEROUS GOODS CLASS:	Non-Regulated Material
MANUFACTURER'S NAME:	**J.H. Young Company Inc.**
ADDRESS:	8 Symington Place, Rochester, New York 14611-2409 USA
BUSINESS PHONE:	1-585-235-7698
FAX#:	1-585-235-7254
EMERGENCY PHONE:	1-585-235-7698
DATE OF PREPARATION:	March 5, 2013
DATE OF LAST REVISION:	March 5, 2013

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Product Description: This product is a transparent polymerized solid with a resin odor when heated. Test results have shown that less than 0.1% of residual materials remain after polymerization. **Health Hazards:** May cause irritation to skin and eyes. Molten material may cause thermal burns. Exposure may cause skin and/or respiratory sensitization. May be harmful if swallowed. **Flammability Hazards:** Non-Flammable solid with flash point greater than 505°F. **Reactivity Hazards:** None known. **Environmental Hazards:** The environmental effects of this product have not been investigated, however release is not expected to have significant adverse environmental effects. Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

EU LABELING AND CLASSIFICATION:
This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.
EU HAZARD CLASSIFICATION PER DIRECTIVE 1272/2008/EC:
Index Number:
Ethylene Glycol – Phthalic Anhydride Polymer is not listed in ESIS
Component(s) Determining Hazards:
Ethylene Glycol – Phthalic Anhydride Polymer
GHS Classifications:
Acute Oral Toxicity Category 4
Skin Irritant Category 2
Eye Damage Category 2B
Signal Word: Warning!
Hazard Symbol:

Hazard Statement:
H303: May be harmful if swallowed
H315: Causes skin irritation
H320: Causes eye irritation
Precautionary Statement:
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P281 Use personal protective equipment as required
P302+352 IF ON SKIN: wash with plenty of soap and water.
EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:
Classification: [Xi] Irritant

Risk Phrases: R22: Harmful if swallowed, R36/38: Irritating to eyes and skin,
Safety Phrases: S26: In Case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S36/37/39: Wear suitable protective clothing, gloves and eye/face protection
Annex II Hazard Symbol:

HEALTH HAZARDS OR RISKS FROM EXPOSURE:
Primary Routes(s) Of Entry: Skin Contact, Eye Contact, Inhalation, Ingestion
EYE HAZARDS: May cause irritation to the eyes. Contact with molten material may cause burns and permanent eye damage.
SKIN HAZARDS: Contact with molten material may cause burns and irritation. May cause skin sensitization.
INGESTION HAZARDS: May cause irritation of the digestive tract and possible burns.
INHALATION HAZARDS: Vapors from molten material may cause irritation of the respiratory tract.

3. COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	EINECS #	AMOUNT	HAZARD SYMBOLS	HAZARD CLASSIFICATION 1999/45/EC; RISK PHRASES
Ethylene Glycol – Phthalic Anhydride Polymer	Not Listed	Not Listed in ESIS	>99.9	None	HAZARD CLASSIFICATION:[Xi] Irritant RISK PHRASES: R37/38
Each of the other components is present in less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Regulation 1272/2008 and the Japanese Industrial Standard JIS Z 7250: 2000.

4. FIRST-AID MEASURES

EYE CONTACT: If chemical contacts the eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. Remove contact lenses, if worn. Seek medical attention.

SKIN CONTACT: Wash contacted area with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops and persists.

INHALATION: If chemical is inhaled, or breathing is difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If chemical is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Victims of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of the label and MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may be more susceptible to the effects of the substance.
RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: 505 degrees F (COC)

AUTOIGNITION TEMPERATURE: Not Available
FLAMMABLE LIMITS (in air by volume, %): Lower NA Upper NA
FIRE EXTINGUISHING MATERIALS: Dry chemical, Foam, Carbon Dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use water as this

material will react with water.
Explosion Sensitivity to Mechanical Impact: Not Sensitive
Explosion Sensitivity to Static Discharge: Not Sensitive
SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Proper protective equipment should be used.
SPILLS: Trained personnel following pre-planned procedures should handle non-incidental releases. If material is unusable, sweep or pickup with appropriate method and place in an appropriate container and seal. Do not mix with wastes from other materials. Dispose of in accordance with applicable Federal, State, and local regulatory procedures (see Section 13, Disposal Considerations).

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product.
STORAGE AND HANDLING PRACTICES: Store product in cool, dry location away from heat and sparks, in a properly labeled container. Protect from physical damage. Keep containers closed when not in use.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Component Name	CAS#	ACGIH-TLV's	OSHA PEL's	NIOSH-TLV's	Other
Ethylene Glycol – Phthalic Anhydride Polymer	Not Listed	None Listed	None Listed	None Listed	None Listed

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the established limits. Currently, International exposure limits are no established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.
The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.
RESPIRATORY PROTECTION: Not normally required with this product. If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.
EYE PROTECTION: Splash goggles or safety glasses with side shields recommended to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.
HAND PROTECTION: Compatible protective gloves recommended. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.
BODY PROTECTION: Use body protection appropriate for task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

VAPOR DENSITY: >1.0 **EVAPORATION RATE (n-BuAc=1):** Nil
SPECIFIC GRAVITY @ 20°C: 1.31 (Water=1) **SOLUBILITY IN WATER:** Nil

VAPOR PRESSURE: Nil **pH:** Not Available
BOILING POINT: >100°C (>212°F) **FREEZING POINT:** Not Available
APPEARANCE, ODOR and COLOR: This product is a transparent polymerized solid with a resin odor when heated.

10. STABILITY and REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage
DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.
MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: None known
HAZARDOUS DEPOLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Excessive heat, sparks, open flames

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: No LD50 Data Available for this product.
SUSPECTED CANCER AGENT: The components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds as follows:
Carcinogenity
NTP Regulated No
IARC Regulated No
OSHA Regulated No
IRRITANCY OF PRODUCT: None known
SENSITIZATION TO THE PRODUCT: This product has a component that is known to cause human skin or respiratory sensitization.
REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.
Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.
Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans.
Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.
TOXICITY: No Data
MOBILITY IN SOIL: No Data
PERSISTENCE/DEGRADABILITY: No Data
ENVIRONMENTAL STABILITY: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways
BIOACCUMULATION/ACCUMULATION: These products have not been tested for bio-accumulation potential.
WATER ENDANGERMENT CLASS: Not Established

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.
EU Waste Code: Not Listed

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:
U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

PROPER SHIPPING NAME:	Non-Regulated Material
HAZARD CLASS NUMBER and DESCRIPTION:	None
UN IDENTIFICATION NUMBER:	None
PACKING GROUP:	None
DOT LABEL(S) REQUIRED:	None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: None
RQ QUANTITY: None

MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is not considered as dangerous goods.
INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.
EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS	The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act
TSCA	All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312: Acute Health: Yes; Chronic Health: Yes; Fire: No; Reactivity: No
U.S. CERCLA REPORTABLE QUANTITY (RQ): None
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain a component above the 0.1% level which is listed as a California Proposition 65 chemical.
CANADIAN REGULATIONS:
CANADIAN DSL/NDSL INVENTORY STATUS: All of the components of this product are on the DSL Inventory.
CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this
product is on the CEPA First Priorities Substance Lists.
CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as Not Controlled, as per the Controlled Product Regulations .
EU HAZARD INFORMATION:
See section 2 for details
AUSTRALIAN INFORMATION FOR PRODUCT:
AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS or exempt.
STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.
JAPANESE INFORMATION FOR PRODUCT:
JAPANESE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.
INTERNATIONAL CHEMICAL INVENTORIES:
Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed
Australian Inventory of Chemical Substances (AICS): Listed
Korean Existing Chemicals List (ECL): Listed
Japanese Existing National Inventory of Chemical Substances (ENCS): Listed
Philippines Inventory if Chemicals and Chemical Substances (PICCS): Listed
Swiss Giftliste List of Toxic Substances: Listed
U.S. TSCA: Listed

SAFETY DATA SHEET

16. OTHER INFORMATION

PREPARED BY: Paul Eigbrett MSDS Authoring PLUS
DATE: March 5, 2013

All chemicals may pose unknown hazards and should be used with cautions. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, J.H.Young Company, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

End of MSDS Sheet