

# MATERIAL SAFETY DATA SHEET

HMIS CODES: 

|   |   |   |   |
|---|---|---|---|
| H | F | R | P |
| 0 | 2 | 0 | A |

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administrator  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST):

**SELECT-UNYTE  
THREAD SEALING COMPOUND WITH PTFE TF**

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name:  
J.C. WHITLAM MANUFACTURING COMPANY

Emergency Telephone Number:  
(330) 334 - 2524

Address (Number, Street, City, State, and ZIP Code):  
200 WEST WALNUT STREET

Telephone Number for Information:  
(330) 334 - 2524

P.O. BOX 380

Date Prepared: January 1, 2010

WADSWORTH, OHIO 44282-0380

Signature of Preparer (optional):

## Section II - Hazardous Ingredients/Identity Information

| HAZARDOUS COMPONENTS<br>(SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S)) | OSHA<br>PEL | ACGIH<br>TLV | OTHER LIMITS<br>Recommended | %<br>(optional) |
|--|-------------|--------------|-----------------------------|-----------------|
| ISOPROPANOL [CAS#67-63-0]  | 400 ppm     | 400 ppm      | N/A                         | 8 - 13%         |
| BUTYL CELLOSOLVE [CAS#111-76-2]                                      | 50 ppm      | 25 ppm       | N/A                         | 20 - 25%        |

## Section III - Physical/Chemical Characteristics

|                          |       |                                       |      |
|--------------------------|-------|---------------------------------------|------|
| Boiling Point:           | 180°F | Specific Gravity (H2O =1):            | 1.41 |
| Vapor Pressure (mm Hg):  | .88   | Melting Point:                        | N/A  |
| Vapor Density (AIR = 1): | > 1   | Evaporation Rate (Butyl Acetate = 1): | 0.6  |

Solubility in Water: SLIGHT

Appearance and Odor: WHITE PASTE - MILD ODOR

VOC Statement: VOC AS MANUFACTURED; Less than 150 GRAMS/LITER (G/L)

## Section IV - Fire and Explosion Hazard Data

|  |   |              |               |
|--|---|--------------|---------------|
| Flash Point (Method Used):<br>82°F (28°C) ASTM METHOD D93-80 | Flammable Limits:<br>921°F (494°C) IGNITION TEMPERATURE | LEL:<br>1.1% | UEL:<br>10.6% |
|--|---|--------------|---------------|

Extinguishing Media: CARBON DIOXIDE OR DRY CHEMICAL OR WATER.

Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards:  
CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRES OR EXPLOSIONS. CARBON MONOXIDE MAY BE RELEASED.

|   |  |   |                          |           |
|---|--|---|--------------------------|-----------|
| <b>Section V - Reactivity Data</b>  |  | <b>SELECT-UNYTE<br/>THREAD SEALING COMPOUND WITH PTFE</b>                     |                          | <b>TF</b> |
| Stability:  | Unstable:                                      |   | Conditions to Avoid: N/A |           |
|   | Stable:  | X   |                          |           |
| Incompatibility (Materials to Avoid):<br>LIQUID OXYGEN SYSTEMS, LIQUID SODIUM, GASEOUS FLUORINE, STRONG OXIDIZERS.  |  |   |                          |           |
| Hazardous Decomposition or Byproducts: N/A  |  |   |                          |           |
| Hazardous Polymerization:   | May Occur:                                     |   | Conditions to Avoid: N/A |           |
|   | Will Not Occur:                                | X   |                          |           |
| <b>Section VI - Health Hazard Data</b>  |  |   |                          |           |
| Route(s) of Entry:  | Inhalation? YES                                | Skin? YES   | Ingestion? YES           |           |
| Health Hazards (Acute and Chronic): NONE  |  |   |                          |           |
| Carcinogenicity:  | NTP? NO  | IARC Monographs? NO   | OSHA Regulated? NO       |           |
| Signs and Symptoms of Exposure:<br>INHALATION: POSSIBLE DIZZINESS IF USED IN CONFINED AREA.<br>SKIN: MAY CAUSE MILD IRRITATION TO SENSITIVE SKIN.   |  |   |                          |           |
| Medical Conditions Generally Aggravated by Exposure: NONE KNOWN.  |  |   |                          |           |
| Emergency and First Aid Procedures:<br>EYE CONTACT: FLUSH EYES WITH WATER.<br>SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. WASH CLOTHING BEFORE REUSE.<br>INHALATION: MOVE TO WELL VENTILATED AREA. INGESTION: CONSULT A PHYSICIAN. |  |   |                          |           |
| <b>Section VII - Precautions for Safe Handling and Use</b>  |  |   |                          |           |
| Steps to Be Taken in Case Material is Released or Spilled:<br>NORMAL GOOD HOUSEKEEPING PROCEDURES.  |  |   |                          |           |
| Waste Disposal Method:<br>DISPOSAL TO BE DONE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.   |  |   |                          |           |
| Precautions to Be Taken in Handling and Storing:<br>STORE AWAY FROM HEAT OR OPEN FLAME. CLOSE CONTAINER AFTER USE.  |  |   |                          |           |
| Other Precautions:<br>WEAR PROTECTIVE GLOVES TO PREVENT POSSIBLE SKIN ABSORPTION AND DERMATITIS. KEEP OUT OF REACH OF CHILDREN.   |  |   |                          |           |
| <b>Section VIII - Control Measures</b>  |  |   |                          |           |
| Respiratory Protection (Specify Type):<br>AVOID BREATHING OF FUMES. IF USED IN A CONFINED AREA, A RESPIRATOR MAY BE NECESSARY.  |  |   |                          |           |
| Ventilation:  | Local Exhaust: NORMAL VENTILATION IS ADEQUATE. |   | Special: N/A             |           |
|   | Mechanical (General): N/A                      |   | Other: N/A               |           |
| Protective Gloves:<br>MAY BE NECESSARY FOR SENSITIVE SKIN.  |  | Eye Protection:<br>KEEP OUT OF EYES. WEAR PROTECTIVE GOGGLES WHERE NECESSARY. |                          |           |
| Other Protective Clothing or Equipment: N/A   |  |   |                          |           |
| Work/Hygienic Practices: WASH UP WITH SOAP AND WATER AFTER USE.   |  |   |                          |           |