



THE RE-SYSTEMS GROUP

MATERIAL SAFETY DATA SHEET

TURBO-SEAL U

I - COMPANY AND PRODUCT INFORMATION

The RE-Systems Group
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Information Phone: 612-872-1900
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PRODUCT NAME: Turbo-Seal U
DESCRIPTION: Injectable waterproofing material
CHEMICAL FAMILY: N.A.
LAST REVISION: 8/25/2005

II - INGREDIENT NAMES AND COMPOSITION

| <u>INGREDIENT</u> | <u>C.A.S. NO.</u> | <u>CONTENT (%)</u> |
|--------------------------|-------------------|--------------------|
| NATURAL RUBBER | 9006-04-6 | N. AV. |
| ASPHALT | 8052-42-4 | N. AV. |
| GROUND CALCIUM CARBONATE | 1317-65-3 | N. AV. |
| DIOXIDE SILICON | 7631-86-9 | N. AV. |
| OXIDE ALUMINUM | 1344-28-1 | N. AV. |
| STYRENE BUTADIENE | 26471-45-4 | N. AV. |
| OLEIC ACID | 112-80-1 | N. AV. |

III - PHYSICAL DATA

| | | | |
|------------------------------|---|--------------------------------|--------------------------|
| APPEARANCE: | Black in color with slight asphalt odor. | COEFFICIENT OF HEAT EXPANSION: | 6.67x10 ⁻⁴ /C |
| pH: | 7.71 | VISCOSITY: | 3,600,000 Cps |
| SPECIFIC GRAVITY: | 1.1 ~ 1.3 | CURE TIME: | Never Cures |
| SOFTENING: | Softening under ambient temperature (72f) | ADHESION: | 1 |
| PHYSICAL STATE: | Liquid | SEAWATER: | Unaffected |
| BOILING POINT: | N.A. | EVAPORATION RATE: | N.A. |
| PERCENT VOLATILE: | Negligible | VAPOR DENSITY: | N.A. |
| ENVIRONMENTAL CONSIDERATION: | Environmentally Friendly | FREEZING POINT: | -25C CGSB 37.50-M89 |
| | | SOLID'S CONTENT: | 75% |
| | | VOC: | 0% |
| | | TOXIC CONTENT: | Non-toxic |

IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: > 200F ASTM D56-05
FLAMABLE LIMITS: N.A.
EXTINGUISHING MEDIA: Powdered extinguisher, CO2, water or approved foam extinguisher.
FIRE FIGHTING: Immediately evacuate area. Avoid inhaling toxic fumes, stay in opposite direction of wind.
TOXIC COMBUSTION: None

V - REACTIVITY DATA

| | | | |
|---------------------------|----------------|--------------------------|-------|
| STABILITY: | Stable | CONDITIONS TO AVOID: | None |
| HAZARDOUS POLYMERIZATION: | Will not occur | CONDITIONS TO AVOID: | None |
| | | HAZARDOUS DECOMPOSITION: | N. A. |

VI – HEALTH HAZARD DATA

EYES: Non-toxic. Irritating. Adhesive property of material may cause problems.
SKIN: Slight irritation from continuous, repeated contact.
INHALATION: Slightly unpleasant smell.
INGESTION: Unlikely

VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with cold water. Keep stimulating eyes. Seek medical attention.
SKIN: Wash with soap and water.
INHALATION: In case of vertigo, move to fresh air. If symptoms persist, seek medical attention.
INGESTION: Unlikely

VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Remove with sand or a piece of cloth. Place material into appropriate containers.
DISPOSAL: Material composition is greater than 5% oil. Dispose of in accordance with federal, state and local authorities.
HANDLING: When not in use, close container.
STORAGE: Store in closed container and keep away from flame.

IX – CONTROL MEASURES

VENTILATION: If dizziness occurs, seek fresh air
RESPIRATORY: N.A.
EYES: Wear safety glasses
SKIN: Wear suitable protective clothing and gloves.

X – SHIPPING AND LABEL DATA

DOT SHIPPING NAME: Plastic Resin Compound
HAZARD CLASS: Non-hazardous
LABELS/PLACARDS: Turbo-Seal U is not regulated as a DOT hazardous material