



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 membrane
CHEMICAL FAMILY: N. App.
LAST REVISION: 5/11/06

II - INGREDIENT NAMES AND COMPOSITION

<u>INGREDIENT</u>	<u>C.A.S. NO.</u>	<u>CONTENT (%)</u>
ASPHALT	8052-42-4	N. AV.
NATURAL RUBBER	9006-04-6	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 rubber odor.	COEFFICIENT OF HEAT EXPANSION:	6.67x10 ⁻⁴ /C
pH:	7.5 ~ 8.0	COEFFICIENT OF VISCOSITY:	20/C – 300,000 cps
SPECIFIC GRAVITY:	1.1 ~ 1.3		50/C – 150,000 cps
SOFTENING:	Softening under ambient temperature (72f)	EVAPORATION RATE:	N. App.
PHYSICAL STATE:	Liquid	VAPOR DENSITY:	N. App.
BOILING POINT:	N. App.	FREEZING POINT:	Below -25C CGSB 37.50-M89
PERCENT VOLATILE:	Negligible		

IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	> 200F ASTM D56-05
FLAMABLE LIMITS:	N. App.
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:	Toxic fumes and CO2

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 dizziness, 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