

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS
 (Approved by U.S. Department of Labor 'Essentially Similar' to form OSHA-20)

UNMANUFACTURER'S NAME
 THE SHERWIN-WILLIAMS COMPANY
 101 Prospect Avenue N.W.
 Cleveland, Ohio 44115
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EMERGENCY TELEPHONE NO.
 (216) 566-2917

INFORMATION TELEPHONE NO.
 (216) 566-2902

Section I -- PRODUCT IDENTIFICATION

PRODUCT NAME
 SUNFIRE® 421 Acrylic Urethane Reducer (Non-Photochemical)
 PRODUCT NUMBERS AND COLORS
 R7 K 6202 Fast Evaporating
 R7 K 6204 Medium Evaporating
 R7 K 6206 Slow Evaporating
 PRODUCT CLASS
 Reducer

Section II -- HAZARDOUS INGREDIENTS

CAS NO.	CONCENTRATION	PERCENT	TLV-TWA	TLV-STEL	LDL	V.D.
123-86-4	n-Butyl Acetate.	55-85	150.	710.	1.3	10.0
112-07-2	2-Butoxyethyl Acetate.	5-30	50.	350.	0.5	1.0
108-65-6	1-Methoxy-2-Propanol Acetate	10-15	Not Estab.		1.3	1.8

For specific percent hazardous ingredients in each product, see Section I

Section III -- PHYSICAL DATA

EVAPORATION RATE -- Slower than Ether	VAPOR DENSITY -- Heavier than Air
BOILING RANGE (°F) 174 - 384	1 VOLATILE VOLUME 100.0
	WT/GAL 7.3-7.6

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION
 RED LABEL -- Flammable, Flash below 100 °F
 EXTINGUISHING MEDIA
 Carbon Dioxide, Dry Chemical, Foam
 UNUSUAL FIRE AND EXPLOSION HAZARDS
 Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
 SPECIAL FIRE FIGHTING PROCEDURES
 Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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Section V -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE -- See Section II
 EFFECTS OF OVEREXPOSURE

ACUTE: In a confined area vapors in high concentration are anesthetic. Overexposure result in lightheadedness and staggering gait.
 Irritant to skin and upper respiratory system.
 CHRONIC: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
 EMERGENCY AND FIRST AID PROCEDURES
 IF INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
 IF ON SKIN: Wash affected area thoroughly with soap and water.
 Remove contaminated clothing and launder before re-use.
 IF IN EYES: Flush eyes with large amounts of water for 15 minutes.
 Get medical attention.

Section VI -- REACTIVITY DATA

STABILITY -- Stable
 HAZARDOUS DECOMPOSITION PRODUCTS
 By fire: Carbon Dioxide, Carbon Monoxide
 HAZARDOUS POLYMERIZATION -- Will Not Occur

Section VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
 Remove all sources of ignition. Ventilate and remove with inert absorbent.
 WASTE DISPOSAL METHOD
 Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII -- PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE
 Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.
 VENTILATION
 Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
 RESPIRATORY PROTECTION
 If personal exposure cannot be controlled below applicable limits by ventilation, wear respiratory device approved by NIOSH/MSHA for protection against materials in Section II.
 PROTECTIVE GLOVES
 Wear gloves which are recommended by glove supplier for protection against materials in Section II.
 EYE PROTECTION
 Wear safety spectacles with unperforated sideshields.

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Section IX -- PRECAUTIONS

DOT STORAGE CATEGORY -- 1C
 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
 Contents are FLAMMABLE. Keep away from heat, sparks, and open flame.
 During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.
 Consult NFPA Code. Use approved Bonding and Grounding procedures.
 Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
 OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X -- PERCENT HAZARDOUS INGREDIENTS

	R7K6202	R7K6204	R7K6206
n-Butyl Acetate.	85	70	55
2-Butoxyethyl Acetate.	<5	20	30
1-Methoxy-2-Propanol Acetate	10	10	15

