



VRF-2, VRF-4, VRF-HP, VRF-P VELOUR FIBERS

Written by Super User. Posted in **MSDS SHEETS**

SECTION I - PRODUCT IDENTIFICATION

Product Name: **VRF-2, VRF-4, VRF-HP, VRF-P VELOUR FIBERS**

Revision: 12/2000

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENT CHEMICAL NAME	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS NUMBER
Titanium Dioxide	N/A	N/A	N/A	13463- 67-2
Nylon 6,6 Polyamide	N/A	N/A	N/A	32131- 17-2
Water, Absorbed	N/A	N/A	N/A	7732- 18-5

SECTION III - PHYSICAL DATA / CONTENTS WITHOUT PROPELLANT

BOILING POINT: N/A

SPECIFIC GRAVITY (H₂O=1): 1.14@20/20°C

VAPOR PRESSURE (mm Hg): N/A

MELTING POINT: 250°C

VAPOR DENSITY (AIR = 1): N/A

EVAPORATION RATE (Butyl Acetate = 1): N/A

SOLUBILITY IN WATER: Soluble in conc. Formic acid. **APPEARANCE AND ODOR:** N/A
Not soluble in water, alcohol,
xylene, benzene, acetone.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD
USED):** 325°C

FLAMMABLE LIMITS N/A

EXTINGUISHING MEDIA: WATER FOG STANDARD FOAM CO₂
 DRY CHEMICAL HALON

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters and others who may be exposed to products of combustion should wear full protective equipment including self-contained breathing apparatus. Fire fighting equipment should be thoroughly decontaminated after use.

SPECIAL PRECAUTIONARY STATEMENTS: N/A

SECTION V: REACTIVITY DATA

STABILITY: Stable Unstable

Incompatibility : N/A

Hazardous Decomposition: Hazardous gases/vapors produced are carbon monoxide, ammonia, traces of hydrogen cyanide antioxides of nitrogen.

HAZARDOUS POLYMERIZATION: May Occur Will not occur

Conditions to Avoid: Avoid packing or storage at temperatures above 80°C (176°F)

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION: Essentially nontoxic an inert.

EYES: Dust may cause mechanical irritation.

INHALATION: Dust may produce mechanical irritation of the mucous membranes of the nose, throat, and upper respiratory tract.

SKIN: None expected or likely under normal conditions of use.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION:	No special precautions necessary.
EYES:	Treat as a nuisance dust hazard. Flush eyes with water for 15 minutes. If irritation persists, obtain medical attention.
INHALATION:	Remove to fresh air. Other measures are usually unnecessary. If irritation persists, obtain medical attention.
SKIN:	Treat as a nuisance dust hazard. Flush contaminated skin with soap and water. If irritation persists, obtain medical attention.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE

LARGE AMOUNTS ARE RELEASED: Reclaim for processing if possible.

WASTE DISPOSAL METHOD: Material is not a "hazardous waste" as defined in 40CFR 261; therefore, disposal is permitted by landfill or by incineration. Comply with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid extreme conditions of heat and humidity. Avoid dust accumulation. Store boxes and bales in accordance with good materials handling practices.

OTHER PRECAUTIONS: N/A

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION: Avoid breathing dust. Use NIOSH/MSHA approved equipment when airborne exposure is excessive. Respiratory protection must comply with 29 CFR 1910.134.

VENTILATION: Local and general exhaust ventilation should be used as needed to prevent irritation and avoid dust accumulation.

LOCAL EXHAUST: N/A

PROTECTIVE GLOVES: None normally required. However, good safety and industrial hygiene practices should be followed.

EYE PROTECTION: None normally required. However, good safety and industrial hygiene practices should be followed.

SECTION IX: SPECIAL PRECAUTIONS

HEALTH:	<u>HAZARD RATING KEY</u>
FLAMMABILITY:	0 = MINIMAL
REACTIVITY:	1 = SLIGHT
PERSONAL PROTECTION:	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

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