

# MATERIAL SAFETY DATA SHEET

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MSDS number : JKXP - 0423	Date of issue 19/05/16	Supersedes 20/12/17	
<b>Section 1 - Chemical Product and Company Identification</b>			
CHEMICAL NAME : <i>Not applicable</i>	TRADE NAME & SYNONIMS <b>VISCO VRO - 502</b>		
CHEMICAL FAMILY : <i>Not applicable</i>	FORMULA : <i>Liquid</i>		
MANUFACTURERS NAME : <b>VISCO CORPORATION</b>			
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) PO BOX. 330, 178 route 46 Lodi, NJ 07644			
PRODUCT CODE NUMBER 03255	EMERGENCY TELEPHONE NUMBER		
<b>Section 2 - Composition / Information of ingredients</b>			
The hazards presented below are those of the individual components.			
CHEMICAL NAME (INGREDIENTS) : <b>Organic Polymer Blends</b>			
HAZARD → IRRITANT STEL (TWA)* → NOT. EST.	TLV → NOT. EST. 1 CAS # → N/A	PEL → NOT EST. 2	
<b>Section 3 - Non Hazardous Ingredients</b>			
Non hazardous ingredient names and CAS numbers are protected under NJ trade SECRET REGISTRY # 215097			
<b>Section 4 - Physical Data</b>			
Boiling point (°F)	200 - 220	Specific gravity (H <sub>2</sub> O-1)	1.006
Vapor pressure (mmHg)	N/A	Color	clear
Vapor density (AIR=1)	1,094	Odor	Organic
pH @ 1%	4 - 5	Clarity	N/A
Percent, volatile by volume (%)	N/A	Evaporation rate (BU AC=1)	Same as H <sub>2</sub> O
Solubility in water	100%		
Viscosity	N/A		
<b>Section 5 - Fire and Explosion Hazard</b>			
FLASH POINT (METHODE USED)	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA "ALCOHOL" X <--- Foam      X <--- Foam      X <--- CO2	DRY X <--- Chemical	WATER X <--- Spray	<--- O

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<b>SPECIAL FIRE FIGHTING PROCEDURES</b> <i>Choice of above media depends on the nature of the fire. As with all fires involving chemicals, fire fighters should wear full protective gear and self contained breathing apparatus.</i>	
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS</b>  <i>Spray exposed containers with water to prevent rupture.</i>	
<b>NFPA HAZARD RATING (0 = INSIGNIFICANT; 1 = SLIGHT; 2 = MODERATE; 3 = HIGH; 4 = EXTREME)</b> 2 <--- Health      0 <--- Flammability      0 <--- Reactivity      <--- Special	
<b>Section 6 - Health Hazard Data</b>	
<b>THRESHOLD LIMIT VALUE</b> <i>Not established for mixture</i>	
<b>EFFECTS OF OVER EXPOSURE</b> - ACUTE - (Short term exposure) <b>EYES</b> : Cause irritation or burns, may damage eye tissue <b>SKIN</b> : May cause irritation and redness <b>INHALATION</b> : Mists may cause irritation to throat and respiratory tract, headache and nausea <b>INGESTION</b> : May cause irritation to mouth and throat, nausea and vomiting  - CHRONIC - (Long term exposure)  No chronic human data available.	
<b>TARGET ORGANS</b> <i>None known</i>	
<b>CONDITIONS AGGRIVATED BY EXPOSURE</b> : <i>None known</i> <i>All though there is no primary route of entry into the body, the primary route of exposure is skin and eye contact</i>	
<b>PRIMARY ROUTE OF ENTRY</b> : <--- Inhalation    <--- Ingestion    <--- Absorption	
<b>EMERGENCY &amp; FIRST AID PROCEDURES</b> <b>INHALATION</b> : Move to fresh air, seek medical attention if respiratory irritation develops or breathing becomes difficult. <b>EYE CONTACT</b> : Immediately flush eyes with water. Remove any contact lenses. Wash eyes at least 15 minutes with large amounts of water holding lids apart. If physician is not available, flush for an additional 15 minutes. Get immediate medical attention. <b>SKIN CONTACT</b> : Wash off thoroughly with soap and water. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation develops or persists. <b>INGESTION</b> : Give 3 - 4 glasses of water, but do not induce vomiting. Seek medical attention immediately.	
<b>Section 7 - Toxicity Information</b>	
<b>PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY :</b>	
<b>IARC</b> <b>NTP</b> <b>OSHA</b> <b>ACGIH</b> <b>OTHER</b> X <--- NO                      X <--- NO                      X <--- NO                      X <--- NO                      X <--- NO	
ORL-RAT LD 5- " 2910 MG/KG 3. SKN-RBT LD 50 : > 6310 MG/KG 3. EYE-RBT 43.6/110 24 H MODERATE 3. SKN/RBT 3.3/8.0 24 H MODERATE 3.	ORL-RAT LD50 : > 5000 MG/KG 3. DERMAL RBT LD 50 : > 5000 MG/KG 3. EYE IRRITATION RBT : SLIGHT IRRITATION 3. SKN IRRITATION RBT : NO IRRITATION 3.

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<b>Section 8 - Reactivity Data</b>					
STABILITY	X <--- Stable	<--- Unstable	CONDITIONS TO AVOID		
INCOMPABILITY (MATERIALS TO AVOID) <i>Strong caustics, strong acids and oxidizing agents</i>					
HAZARDOUS DECOMPOSITION PRODUCTS <i>Oxides of carbon and nitrogen. HCN in reducing atmospheres. Phosphines may form after all the water is removed.</i>					
HAZARDOUS POLYMERIZATION	WILL NOT X <--- Occur	MAY <--- Occur	CONDITION TO AVOID		
<b>Section 9 - Spill or Leak procedures</b>					
Steps taken in case material is released or spilled contain spill, pick up and reuse as much as possible and wash area with water.					
WASTE DISPOSAL METHOD <i>Dispose of in accordance with all federal, state and local regulations.</i>					
NEUTRALIZING AGENT <i>None</i>					
<b>Section 10 - Special Protection Information</b>					
REQUIRED VENTILATION <i>General exhaust is usually adequate.</i>					
ESPIRATORY PROTECTION <i>Ear a noish approved mask in cases where a mist may form</i>					
PROTECTIVE GLOVES <i>Neoprene Gloves</i>					
EYE PROTECTION <i>Chemical goggles should be worn when handling</i>					
OTHER PROTECTION <i>Apron depending on severity of exposure</i>					
<b>Section 11 - Storage and Handling Information</b>					
STORAGE TEMPERATURE		INDOOR	REFRIGERATED	HEATED	OUTDOOR
150°F <--- Max. 35°F <--- Min.		X		< 35°F	
PRECAUTIONS TO BE TAKEN IN HANDLING & STORING <i>Keep from freezing</i>					
OTHER PRECAUTIONS <i>Always read and follow all label directions. Store only in original labelled containers. Keep out of reach of children.</i>					

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<b>Section 12 - Regulatory Information</b>		
CHEMICAL NAME <b>VISCO VRO - 502</b>	C.A.S. NUMBER 12-84-4	UPPER % LIMIT 10%
<p>Those ingredients listed above are subject to the reporting requirement of 313 of title III of the superfund amendmens and reauthorization act of 1988 and 40 CFR part 372.</p> <p>If UE (use exemption) appears under upper % limit, end users are exempt from notification because the product is used and labeled for routine janitorial work, or the product is used and labeled for facility grounds maintenance (such as fertilizers and herbicides), or the product is used and labeled for maintaining motor vehicles.</p>		
<b>Section 13 - Transportation *(For future use)</b>		
APPLICABLE REGULATIONS		
<--- 49 CFR	<--- IMCO	<--- Tariff 6 D
<--- IATA	<--- Military Air (AFR 71)	
SHIPPING NAME		
HAZARD CLASS	ID NUMBER	REPORT QTY.
LABELS	LIMITED QTY.	
UNIT CONTAINER		
DOT SPS CONTAINER	NET EXPLOSIVE WT.	
AEROSOL PROPELLANT (S)		
<b>Section 14 - References</b>		
1. Threshold limit values for chemical substances and physical agents and biological exposure indices, ACGIH, 2009 - 2010.		
2. Vendor's MSDS		
* Short term exposure limit (TLV) listed as final rule limits published in the federal register/vol. 55 No. 25, 20-06-10		
<p>The information contained herein is based on data considered accurate in light of current formulation, however, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.</p> <p>VISCO Corporation assumes no responsibility for personal injury or property damage caused by the use, storage or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.</p>		