

MATERIAL SAFETY DATA SHEET

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Vendor Update: 12/17/2003
Date Prepared: 7/6/2004
MSDS Number: 3M8611 ; 3M8612 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: WINDO-WELD TAPE
HMIS Ratings:
NFPA Ratings:

Health: Slight(1)
 Flammability: Minimal(0)
 Instability/Reactivity: Minimal(0)

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
POLYBUTYLENE	9003-29-6	15-40					
Notes							
KAOLIN	1332-58-7	15-40	2 MG/M3 RESPIRABLE	5MG/M3 RESP., 10MG/M3 VACATED, 15MG/M3 TOTAL DUST			
Notes							
CARBON BLACK	1333-86-4	15-40	3.5 MG/M3	3.5 MG/M3			
Notes							
ISOBUTYLENE - ISOPRENE POLYMER	9010-85-9	7-13					
Notes							
QUARTZ SILICA	14808-60-7			0.1 MG/M3 FIBER/CC, AS TOTAL DUST 1 MG/M3 FIBER/CC, AS TOTAL DUST			
Notes							
GLYCEROL ESTER OF HYDROGENATED ROSIN	65997-13-9	1-5					
Notes							
TALC	14807-96-6	1-5	2 MG/M3 RESPIRABLE	2 MG/M3 RESPIRABLE	0.5 MG/M3 CMRG, SPECIFIC FORM, AS RESPIRABLE DUST		
Notes							
SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES	64741-88-4	1-5			5 MG/M3 CMRG		
Notes							
TETRAKIS [METHYLENE (3,5-DI-TERT-BUTYL-4-HYDROXYHYDROCINNAMATE)]	6683-19-8	1-5					

METHANE							
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes:	CONTACT WITH THE EYES DURING PRODUCT USE IS NOT EXPECTED TO RESULT IN SIGNIFICANT IRRITATION.
Skin:	CONTACT WITH THE SKIN DURING PRODUCT USE IS NOT EXPECTED TO RESULT IN SIGNIFICANT IRRITATION.
Ingestion:	NO HEALTH EFFECTS ARE EXPECTED.
Inhalation:	NO HEALTH EFFECTS ARE EXPECTED.
Other:	POTENTIAL ENVIRONMENTAL EFFECTS: THIS SUBSTANCE DOES NOT LEACH METALS OR OTHER RCRA LISTED TCLP HAZARDOUS SUBSTANCES AT CONCENTRATIONS THAT WOULD MAKE THE PRODUCT A HAZARDOUS WASTE.

IV. FIRST AID MEASURES

Eyes:	FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF SIGNS/SYMPTOMS PERSIST, GET MEDICAL ATTENTION.
Skin:	WASH AFFECTED AREA WITH SOAP AND WATER. IF SIGN/SYMPTOMS DEVELOP, GET MEDICAL ATTENTION.
Ingestion:	NO NEED FOR FIRST AID IS ANTICIPATED.
Inhalation:	NO NEED FOR FIRST AID IS ANTICIPATED.

V. FIRE FIGHTING MEASURES

Flash Point:	N/A
Lower Flammability Limit:	N/A
Upper Flammability Limit:	N/A
Extinguishing Agents:	NON-COMBUSTIBLE. CHOOSE MATERIAL SUITABLE FOR SURROUNDING FIRE.
Unusual Fire or Explosion Hazards:	NOT APPLICABLE.
Fire Fighting Procedures:	WEAR FULL PROTECTIVE EQUIPMENT (BUNKER GEAR) AND A SELF-CONTAINED BREATHING APPARATUS (SCBA).

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	OBSERVE PRECAUTIONS FROM OTHER SECTIONS. COLLECT AS MUCH OF THE SPILLED MATERIAL AS POSSIBLE. PLACE IN A CLOSED CONTAINER APPROVED FOR TRANSPORTATION BY APPROPRIATE AUTHORITIES. DISPOSE OF COLLECTED MATERIAL AS SOON AS POSSIBLE.
Other:	IN THE EVENT OF RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE QUALIFIES AS REPORTABLE ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

VII. HANDLING AND STORAGE

Other: HANDLING: USE GENERAL DILUTION VENTILATION AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE EXPOSURES TO BELOW OCCUPATIONAL EXPOSURE LIMITS. IF VENTILATION IS NOT ADEQUATE, USE RESPIRATORY PROTECTION EQUIPMENT.
STORAGE: STORE UNDER NORMAL WAREHOUSE CONDITIONS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: AVOID EYE CONTACT. THE FOLLOWING EYE PROTECTION(S) ARE RECOMMENDED: SAFETY GLASSED WITH SIDE SHIELDS.

Skin: WEAR APPROPRIATE GLOVES, SUCH AS NOMEX, WHEN HANDLING THIS MATERIAL TO PREVENT THERMAL BURNS.

Respiratory: UNDER NORMAL USE CONDITIONS, AIRBORNE EXPOSURES ARE NOT EXPECTED TO BE SIGNIFICANT ENOUGH TO REQUIRE RESPIRATORY PROTECTION. SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF FACEPIECE OR FULLFACE AIR-PURIFYING RESPIRATOR WITH P100 PARTICULATE FILTERS.

Engineering: PROVIDE APPROPRIATE LOCAL EXHAUST WHEN PRODUCT IS HEATED.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: .BLACK SOLID SEALER

Boiling Point: N/A

pH: N/A

Solubility in Water: SLIGHT (LESS THAN 10%)

Specific Gravity: 1.28 [REF STD: WATER = 1]

Vapor Pressure: N/A

Vapor Density: N/A

Volatile Content: N/A

Other: DENSITY 1.28 G/CM³

X. STABILITY AND REACTIVITY

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, TOXIC VAPOR, GAS, AND PARTICULATE – CONDITIONS: DURING COMBUSTION.

Incompatible Products: NONE KNOWN

XI. TOXICOLOGICAL INFORMATION

XII. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: NOT DETERMINED

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: RECLAIM IF FEASIBLE. IF PRODUCT CAN'T BE RECLAIMED, DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL. ALTERNATIVELY, INCINERATE THE WASTE PRODUCT IN AN INDUSTRIAL, COMMERCIAL, OR MUNICIPAL

INCINERATOR.

RCRA Class: NOT REGULATED

Other: SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

XIV. TRANSPORT INFORMATION

Other: ID NUMBERS: 60-9800-2213-5, 62-5334-6110-9, 62-5334-6111-7, 62-5334-6112-5.

XV. REGULATORY INFORMATION

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.