



Material Safety Data Sheet

Section 1 General Information

RPM, WFG.
3194 Hickory Blvd.
Hudson, NC 28638
Phone: 828-728-8266

Product Name: Spray Adhesive
Product Codes: B102-0076
Date: 06/19/06

Section 2 Hazardous Ingredients

Table with 4 columns: Item, Chemical name, CAS Number, WT/WT % Less than. Lists 7 hazardous ingredients including Isohexane, Propane, Dimethyl Ether, Acetone, Cyclohexane, Ethane, and N-Pentane.

Table with 7 columns: ITEM, ACGIH TLV-TWA, ACGIH TLV-STEL, OSHA PEL-TWA, OSHA PEL-Ceiling, Company TLV-TWA, Company SKIN. Shows exposure limits for each of the 7 ingredients.

(See Section 16 for abbreviation legend)

Section 3 Hazard Identification

Emergency Overview: Keep from reach of children. Do not puncture, incinerate, or place aerosol product containers in compactors. Containers of this material may be hazardous when emptied since containers retain product residues (vapor, liquid, and/or solid). All hazardous precautions given must be observed. Do not flame, cut, or braze or use welding torch. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Primary Routes of Entry:

- Inhalation
Skin Contact
Skin absorption
Eye Contact

Potential Acute Health Effects:

Eye: Can cause severe eye irritation, redness, tearing, blurred vision.

Skin: Prolonged or repeated contact can cause moderate irritation defatting, dermatitis.

Ingestion: No information.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation. Possible cardiac arrhythmias at high concentrations.

Potential Chronic Health Effects: Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: Kidney damage, eye damage, and liver damage.

Section 4 First Aid Measures

Eye contact: Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention.

Skin contact: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use. Get medical attention if irritation persists. Mineral oil, baby oil, make-up remover, mineral spirits or other similar mild solvent may be used to remove the sticky residue left by the adhesive.

Ingestion: Do not induce vomiting. Give two glasses of water if conscious. Never give anything by the mouth to an unconscious person. Get immediate medical attention.

Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention.

Section 5 Fire Fighting Measures

Flash Point (method): -156 F (Pensky-Martin C.C.)

Lower Explosive Limit: 1.0%

Upper Explosive Limit: 18.0%

Extinguishing Media: CO2, Dry chemical, foam, water fog.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignited by ignition sources at locations distant from material handling point. For aerosol products - exposure to temperature over 130 F may cause containers to burst releasing highly flammable gas.

Special Firefighting Procedures: Wear self-contained breathing apparatus with a full-face piece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

Section 6 Accidental Release Measures

Steps to be taken in case material is released or spilled: Eliminate sources of ignition and ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source - prevent spreading. Avoid inhalation of vapors.

Avoid skin contact with liquid. Soak up on absorbent material and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

Section 7 Handling and Storage

Handling: Containers of this material may be hazardous when emptied, since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions must be observed. Do not flame cut, braze or use welding torch on containers. Intentional misuse by deliberately concentrating and inhaling the vapors from this product may be harmful or fatal.

Storage: Do not store above 120F. Do not store in direct sunlight. Keep away from heat sources, open flame, pilot lights, sparks and other sources of ignition. Do not store above 120F. Do not store in direct sunlight.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below TLVs.

Respiratory Protection: If work place exposure limits of product or any component is exceeded use NIOSH/MSHA approved respirator. Consult your safety supplier for recommendations.

Skin Protection: Wear impervious gloves if method if use involves skin contact with product. Consult your safety supply vendor for glove recommendations.

Eye Protection: Wear Safety glasses at a minimum, more extensive protection may be necessary depending on how the product is to be used.

Other Protective Equipment: Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for glove recommendations.

Hygiene Practices: Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

Section 9 Physical Data

Boiling Point:	-44 - 177F	Vapor Density:	Is heavier than air
Odor:	Mint when wet	Odor Threshold:	N.D.
Appearance:	White liquid	Evaporation Rate:	Is faster than Butyl Acetate
Solubility in Water:	Negligible	Specific Gravity:	0.7138
Freeze Point:	N.D.	pH @0.0%:	N.D.
Vapor Pressure:	N.D.	Viscosity:	N.D.
Physical State:	Liquid		
Coefficient of water/oil distribution:			

Section 10 Stability and Reactivity

Conditions to Avoid: Heat, sparks, welding arcs, open flames, pilot lights, static electricity or other sources of ignition.

Incompatibility: oxidizing agents, acids, alkali, alkaline earth metals, amines, reducing agents, strong oxidizers, Very strong acid, caustic or oxidizing agents.

Hazardous Decomposition Products: hydrofluoric acid and possibly carbonyl fluoride. Carbon monoxide and carbon dioxide, various hydrocarbons, sulfur dioxide, sulfur monoxide.

Hazardous Polymerization: Will not occur under normal conditions

Stability: This product is stable under normal storage conditions.

Section 11 Toxicological Information

No product or component toxicological information is available.

Section 12 Ecological Information

Ecological Information: No information.

Section 13 Disposal Considerations

Disposal Method: Dispose of in accordance with all local, state and federal regulations.

Section 14 Transportation Information

DOT Proper Shipping Name: Aerosols
DOT Technical Name:
DOT Hazard Class: 2.1 **Hazard subclass:** None
DOT UN / NA Number: UN 1950 **Packing Group:** None
Resp. Guide page: 126

Additional Information: For domestic ground and air shipment this product may be shipped as a Consumer Commodity ORM-D. Outer cartons much have the ORM-D or ORM-D AIR designation.

Section 15 Regulatory Information

U.S. Federal Regulations: As follows -

OHSA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA Hazard Category:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorizations Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard Fire Hazard Pressurized Gas Hazard

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372:

Chemical Name	CAS#	WT/WT % less than
Cyclohexane	110-82-7	15.0%

Toxic Substance Control Act:

This product contains the following chemicals which require export notification under section 12(b) of the TSCA regulation:

Chemical Name	CAS#
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International Regulations: As follows -

Canadian WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: No information available.

: On June 30, 1993 the OSHA Z-1-A table was revoked and OSHA reverted back to their prior exposure limits. The values on this MSDS reflect the roll back to the prior values. Some state may continue to enforce the 1993 limits. On June 16, 1995 EPA announced in a final rule that acetone would no longer be considered a VOC for air attainment standards. (it is now an exempt compound) The VOC calculations on this MSDS are based on acetone being an exempt compound. The June 16 rule also removed acetone from the list of SRA 313 reportable chemicals.

Section 16 Other Information

HMIS Ratings - Health: 2 Flammability: 4 Reactivity: 1

Previous MSDS Revision Date: 07/16/03

Reason for Revision: Updated

Volatile by weight: 82.8% **Volatile by volume:** 87.6%
VOC Content: 63.9% by weight, 455 Grams/Liter total product
544 grams/liter less than water and exempt, 0.66 lbs/can

Legend:

N.A.: Not Applicable

N.D.: Not Determined

N.E.: Not Established

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