

Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M™ Scotch-Weki™ Industrial Plastic Adbesive 4475
MANUFACTURER: 3M
DIVISION: Industrial Adbesives and Tapes Division

ADDRESS: 3M Center St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 bours)

Issue Date: 08/02/10 Superredes Date: 11/19/07

Document Group: 10-2966-9

Product Use

Specific Use: Intended Use:

Plastic Adbesive Industrial use

SECTION 2: INGREDIENTS

Polymethase Polymer Vinyl Chloride-Vinyl Acetate-Maleic Acid Polymer

C.A.S. No.

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: clear, ketone odor General Physical Form: Liquid Immediate health, physical, and caviro explode. Extremely flammable liquid and | Forms: Liquud | Replay | Property | Proper

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give anything by mouth to an unconscious person. Get medical attention

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autolgaition temperature Flash Point Flammable Limits - LEL Flammable Limits - UEL OSHA Flammability Clas

464 °C 1.8 °K (Pest Method: Closed Cup] [Details: MEK] 1.8 % volume 10.0 % volume Class IB Flammable Liquid

5.2 EXTINGUISHING MEDIA hers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Water may not effectively extinguish fire; however, it should be used to keep five-oxyc containers and surfaces cool and prevent explosive cupture. Wear full protective equipment (Bunker Gear) and a self-contain

United Fire and Explosion Hazards: Closed containers exposed to best from fire may build pressure and explode. Extremely flammable liquid and vapor. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardoss combustion and thermal decompliatormation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

rerouse precentions

Evacuate improtected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust yours, in accordance with good industrial hygicae practice. Warning I A more could be an ignition source and could cause flarmable gases or vapors in the spill area to burn or explode. Remember, adding an absorbent material does not remove a toxic, corrosivity or flarmability hazard.

Eaviroussental procedures
For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place is a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon se preside.

Cleas-up methods

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-80-364-3577) for more information on handling and menaging the specific Contain spill. Cover spill are with a fire-extinguishing feam. An aqueous film forming feam (AFFP) is recommended. Working from around the edges of the spill inward, cover with between, verniculate, or commercially available inorganic absorbers material. Mix in sufficient absorbers until a papears day. Cellect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Seal the container.

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3.2 POTENTIAL HEALTH EFFECTS

Eye Contact; Moderate Eye Irritation: Signa/symptoms may include rotness, swelling, pain, tearing, and blurred or hezy vision.

Skin Contact: Mild Skin Irritation: Signs/symptoms may include tocalized reduces, swelling, and itching

longed or repeated exposure may cause;
Altergic Skin Reaction (non-photo induced); Signs/symptoms may include redness, swelling, blistering, and itching.

аниванов: Respiratory Tract Irritation: Signs/symptoms may include cough, socezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May be absorbed following inhalation and cause target organ effects.

ainal tritation: Signs/symptoms may include abdo

May be absorbed following ingestion and cause target organ effects

Target Organ Effects: Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, d slowed reaction time, sturred speech, giddiness, and unconsciousness.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed:

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention, Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never

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In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

AT TRANSPLING
Do not eat, finite or smoke when using this product. Wash exposed areas thoroughly with soep and water. Contents may be under pressure, open carefully. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. No smoking while handling this material. Avoid breathing of vapors, miss or spray. Avoid static discharge. Avoid eye contact with vapors, miss, or spray. Even out of the reach of children. Vapors may lightle explosively. May cause flash fire Tervent build-up of vapors - open all windows and doors. Maintain vapor concentrations below recommended exposure limits. Use only with cross-ventilation. Without adequate ventilation, vapors may settle in low-lying areas. Keep away from heat, sparks, and open flame. Do not smoke or ignite matches, lighters, etc. For industrial or professional use only. Avoid contact with oxidizing agents.

Store away from acids. Store away from beat. Store out of direct sunlight. Keep container in well-ventilated area. Keep container tightly closed. Store away from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

iate local exhaust ventilation. Provide appropriate local exhaust ventilation on open containers. If exhaust available, use appropriate respiratory protection. ventilation is not available, use appropriate rest

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eyu/Face Protection

Avoid eye contact with vapors, miss, or spray.

The following eye protection(s) are recommended: Safety Glasses with side shields Indirect Veneed Goggles

8.2.2 Skin Protection Avoid skin contact.

Select and use gloves and/or protective elothing to prevent skin contact based on the results of an exposure assessment. Consupur glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material(s) are recommended: Botyl Rubber Palyethylene/Ethylene Vinyl Alsohol

8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray.

Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in so OSHA regulations: Half incepiece or full face air-purifying respirator with organic vapor cartridges.

Consult the current 3M Respiratory Selection Guide for additional information or call 1-886-243-4630 for 3M techniques.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Not applied

8.3 EXPOSURE CHIDELINES

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Limit 200 ppm 300 ppm 590 mg/m3 Additional Information

SOURCE OF EXPOSURE LIMIT DATA: ACGIF: American Conference of Governmental Industrial Hygienists CMRG: Chemical Manufacturer Recommended Guideline OSHA: Occupational Satety and Health Administration

AIFIA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:
General Physical Form:
Autoigation temperature
Flash Point
Pammable Limits - LEL
Flammable Limits - UEL
Flammable Limits - UEL
Boiling point
Density
Vapor Density

Chear, secure wow. Liquid 404 °C. 1.8 % volume 10.0 % volume >=80 °C [Details: MEK] 0.0 c. s/mi 0.95 g/mi 2.50 [Ref Std: AIR=1]

Vapor Pressure Specific Gravity pH Melting point

<=91 mmHg [@ 77 F] 0.95 [Ref Std: WATER=1]

Solubility in Water Evaporation rate Hazardous Air Pollutants

Hazardors Air Pollutants
Volatile Organic Compounds
Kow - Oct/Water partition coef
Percent volatile
VOC Less H2O & Exempt Solven

Slight (less than 10%)
2.70 [kg/Sut: WATER-1]
0 'w weight [Test Method: Calculated]
<-55 gt [Deaths: EU VOC content)
No Data Available
55 - 65 % weight
<-55 gt [Jest Method: calculated SCAQMD rule 443.1]
<-44.52 bright [Test Method: calculated SCAQMD rule 443.1]
<-58.2% [Test Method: alculated SCAQMD rule 443.1]
<-58.2% [Test Method: calculated SCAQMD rule 443.1]
<-58.2% [Test Method: calculated per CARB title 2]
8500 centipoise [@ 73.48c]

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Materials and Conditions to Avoid: 19.1 Conditions to avoid Heat

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10.2 Materials to avoid Strong oxidizing agents

Hazardons Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

CHEMICAL FATE INFORMATION

SECTION 13: DISPOSAL CONSIDERATIONS

al Method: Inch rrate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste pro

permitted hazardous waste facility.

bustion products will include HCl. Facility must be capable of bandling halogenated materials.

EPA Hazardous Waste Number (RCRA): D001 (Ignitable), D035 (Methyl ethyl ketone)

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14:TRANSPORT INFORMATION

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ID Number(s): 62-4475-0635-3, 62-4475-2631-0, 62-4475-2635-1, 62-4475-6530-0, 62-4475-8530-8, 62-4475-8531-6, 62-4475-9530-7

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Enformation for this

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS Connect 3M for more information.

311/31.2 Hazard Categories:
Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

Ingredient Methyl Ethyl Keione

CAS No % by Wt

STATE REGULATIONS Contact 3M for more information

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA

All applicable chemical ingredients in this material are listed on the European inventory of Existing Chemical Substances (EINECS), or are except polymers whose monomers are listed on EINECS.

Contact 3M for more information.

ENTERNATIONAL REGULATIONS

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1208.

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SECTION 16: OTHER INFORMATION

tional Fire Protection Association (NFPA) lutzard ratings are designed for use by emergency response personnel to address the lazards that are sented by short-term, scate exposure to a material under conditions of fire, spill, or similar emergencies, blazard ratings are primarily based on the certain physical and toxic properties of the material but also include the toxic properties of combestion or decomposition products that are known to generated in significant quantities.

Revision Changes:

Section 1: Product name was modified.

Copyright was modified.

Section 7: Handling information was modified.

Section 8: Provention of évallowing information was modified.

Section 8: Eye/face protection information was modified.

Section 8: Eye face protection information was modified.

Section 8: Eye face protection information was modified.

Section 8: Respiratory protection - recommended prespirators information was modified.

Section 9: Property description for optional properties was modified.

Section 9: Property description for optional properties was modified.

Section 9: Property description for optional properties was modified.

Section 9: Property description for required properties was added.

Section 6: Personal precautions brading was added.

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Section 6: Personal precautions information was added.

Section 6: Materials to avoid breading was added.

Section 6: Materials to avoid playsical property was added.

Section 10: Conditions to avoid physical property was added.

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Section 6: Release measures information was deleted.

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Section 6: Release measures information was deleted.

Section 6: Release measures heading was deleted. Section 10: Materials and conditions to avoid physical property was deleted.

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