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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
3M(TM)SEAM SEALER P/N 08537 (XB-7294)

3M Product ID:
FS-9100-3115-2

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
LIMESTONE	1317-65-3	15 - 40
METHYL ETHYL KETONE	78-93-3	15 - 40
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F,Xi; R:11-36-66-67)		
TOLUENE	108-88-3	10 - 30
EU Hazard Symbols and Risk Phrases: EU - Adaptation 29 (F,Xi,Xn; R:11-38-48/20-Repr.Cat.3;63-65-67)		
ACRYLONITRILE-BUTADIENE POLYMER	9003-18-3	10 - 30
METHYL ISOBUTYL KETONE	108-10-1	5 - 10
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F,Xn,Xi; R:11-20-36-37-66)		
P-TERT-BUTYLPHENOL-FORMALDEHYDE RESIN	25085-50-1	5 - 10
POLY(VINYL CHLORIDE)	9002-86-2	1 - 3
Regulatory Lists: IARC-NON		

3 HAZARDS IDENTIFICATION

Critical hazards:
Highly flammable. Harmful. Harmful: Danger of serious damage
to health by prolonged exposure through inhalation. Vapours
may cause drowsiness and dizziness. Irritating to eyes.
Repeated exposure may cause skin dryness or cracking. Possible
risk of harm to the unborn child.

4 FIRST-AID MEASURES

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 shoes before reuse.

Inhalation:

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

Ingestion:

Do not induce vomiting. Get immediate medical attention. Give victim two glasses of water. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Hazardous Decomposition:

Carbon Monoxide, Carbon Dioxide.

Fire-Fighting Procedures:

Water may be used to blanket the fire. Wear full protective equipment and a self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Observe precautions from other sections.

Methods for Cleaning up:

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Collect as much of the spilled material as possible. Clean up residue. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

7 HANDLING AND STORAGE

Incompatible Materials/Conditions:

Store away from heat. Store out of direct sunlight. Store away from oxidising agents.

Fire Prevention:

Extremely flammable liquid and vapour.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Precautions for Safe Handling:

For industrial or professional use only. Avoid contact with oxidising agents.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Avoid eye contact with vapours, mists, or spray. The following should be worn alone or in combination, as appropriate to prevent eye contact: Safety glasses with side shields. Indirect vented goggles.

Hand Protection:

The following glove material(s) are recommended: Polyethylene/ethylene vinyl alcohol. Polyvinyl alcohol.

Skin Protection:

Avoid skin contact.

Respiratory Protection:

Avoid inhalation of vapours, mists or spray. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid inhalation of vapours, mists or spray. During application: Avoid inhalation of vapours. Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations: Half facepiece or fullface air-purifying respirator with organic vapour cartridges and particulate prefilters.

Ingestion:

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

Recommended Ventilation:

Use with appropriate local exhaust ventilation.

Exposure Limits:

LIMESTONE (1317-65-3)

UK HSE TWA: 10 mg/m³ Total inhalable dust; 4 mg/m³ Respirable dust OES

METHYL ETHYL KETONE (78-93-3)

UK HSE TWA: 200 ppm; 600 mg/m³ OES skin
UK HSE STEL: 300 ppm; 899 mg/m³ OES skin

TOLUENE (108-88-3)

UK HSE TWA: 50 ppm; 191 mg/m³ skin OES
UK HSE STEL: 150 ppm; 574 mg/m³ skin OES

METHYL ISOBUTYL KETONE (108-10-1)

UK HSE TWA: 50 ppm; 208 mg/m³ skin OES
UK HSE STEL: 100 ppm; 416 mg/m³ skin OES

POLY(VINYL CHLORIDE) (9002-86-2)

UK HSE TWA: 10 mg/m³ Total inhalable dust; Respirable dust 4 mg/m³ OES

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Grey, liquid paste with ketone odour.

pH: Not determined

Boiling point/boiling range: Not determined

Melting point/melting range:	Not determined
Flash point:	Not determined
Autoflammability:	Not determined
Vapour pressure:	Not determined
Water Solubility:	Not determined
Specific gravity:	1.18
Vapour density:	Not determined
Volatile organic compounds:	Not determined
Evaporation rate:	Not determined
Viscosity:	800 - 2,000
Percent Volatile:	37 - 38%

10 STABILITY AND REACTIVITY

Conditions to Avoid:

Heat. Sparks and/or Flames.

Materials to Avoid:

Strong oxidising agents.

Hazardous Decomposition:

Stable. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact:

May be absorbed through skin and cause target organ effects. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching. Moderate Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness.

Effects from Inhalation:

May be absorbed following inhalation and cause target organ effects. Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

May be absorbed following ingestion and cause target organ effects. Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhoea and vomiting.

Reproductive Effects:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Other Effects and Information:

Liver Effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice. Central Neuropathy: Signs/symptoms may include irritability, memory impairment, personality changes, sleep disorders, and decreased ability to concentrate. Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness. Kidney Effects: Signs/symptoms may include reduced or absent urine production, increased serum creatinine, lower back pain, increased protein in urine, and increased blood urea nitrogen (BUN).

12 ECOLOGICAL INFORMATION

Ecotoxicity Data:
Not determined.

Ecofate Data:
Not determined.

13 DISPOSAL CONSIDERATIONS

Product as Sold:
Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

Special Instructions:
Since regulations vary, consult applicable regulations or authorities before disposal.

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: UN1139

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number: 1139

Class: 3.0

Packing Group: II

Proper Shipping Name: Coating solution

ADR/RID CLASSIFICATION:

Class: 3.0

ADR classification: 5 (b)

ICAO/IATA CLASSIFICATION:

Class: 3.0

Sub-Risk: Not applicable

Packing Group: III
Proper Shipping Name: Coating solution

15 REGULATORY INFORMATION

Disclosable Ingredients:
METHYL ETHYL KETONE; TOLUENE; METHYL ISOBUTYL KETONE.

Symbol(s):
(F)Flame (Highly Flammable). (Xn) St. Andrew's Cross
(Harmful).

Risk Phrases:
(R11) Highly Flammable. (R48/20) Harmful: Danger of serious damage to health by prolonged exposure through inhalation. (R67) Vapours may cause drowsiness and dizziness. (R36) Irritating to eyes. (R66) Repeated exposure may cause skin dryness or cracking. (R63) Possible risk of harm to the unborn child.

Safety Phrases:
Keep away from sources of ignition - No Smoking. Do not breathe vapour. Use only in well ventilated areas. Avoid contact with the skin and eyes. Wear suitable protective clothing and gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Keep out of the reach of children.

16 OTHER INFORMATION

Regulatory Information: The following UK Regulations as amended may affect the product as supplied: The Chemicals (Hazard Information and Packaging for supply) Regulations, as amended. The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended. Carriage of Dangerous Goods by Road regulations, 1996, as amended.

The Control of Substances Hazardous to Health Regulations 1999 as amended.

The Special Waste Regulations 1996, as amended. The Environmental Protection Act, 1990 The Health and Safety at Work Act, 1974.

Reissue date/Reason for reissue.
Revised section 3, 9, 10, 15.

Intended Use of Product:
A brushable sealer used on overlap joints eg: inside boots, around wheel arches and shock absorber mountings.

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.