

SAFETY DATA SHEET

Modelmates Limited - Weathering Liquid

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME Modelmates Limited - Weathering Liquid
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2 HAZARDS IDENTIFICATION

Highly flammable.

CLASSIFICATION (1999/45) F;R11.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
ETHANOL	200-578-6	64-17-5	60-100%	F;R11

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once.

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions. Never give liquid to an unconscious person. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention if any discomfort continues.

SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Small fires: Extinguish with foam, carbon dioxide or dry powder. Larger fires: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

HIGHLY FLAMMABLE! Heat may cause the containers to explode.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Keep containers tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
ACETONE	WEL	500 ppm	1210 mg/m ³	1500 ppm 3620 mg/m ³
ETHANOL	WEL	1000 ppm	1920 mg/m ³	

WEL = Workplace Exposure Limit.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Varying		
ODOUR	of solvents		
SOLUBILITY	Soluble in water.		
FLASH POINT (°C)	-18	AUTO IGNITION TEMPERATURE (°C)	365
FLAMMABILITY LIMIT - LOWER(%)	2.1	FLAMMABILITY LIMIT - UPPER(%)	19

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid exposing to heat and contact with strong oxidising substances.

11 TOXICOLOGICAL INFORMATION

SKIN CONTACT

Skin irritation is not anticipated when used normally.

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EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

ROUTE OF ENTRY

Inhalation. Skin absorption.

TARGET ORGANS

Central nervous system Respiratory system, lungs

MEDICAL SYMPTOMS

Narcotic effect. Vapours may cause drowsiness and dizziness.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS	3		
PROPER SHIPPING NAME	Flammable Liquids Nos (80% Methylated Spirit 20% Acetone)		
UN NO. ROAD	1993	UK ROAD PACK GR.	II
ADR CLASS	Class 3: Flammable liquids.	UN NO. SEA	1993
IMDG CLASS	3	IMDG PACK GR.	II
MARINE POLLUTANT	No.	UN NO. AIR	1993
AIR CLASS	3	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Highly Flammable

RISK PHRASES

R11 Highly flammable.

SAFETY PHRASES

S2 Keep out of the reach of children.
 S9 Keep container in a well-ventilated place.
 S16 Keep away from sources of ignition - No smoking.
 S23 Do not breathe vapour/spray.
 S24/25 Avoid contact with skin and eyes.
 S46 If swallowed, seek medical advice immediately and show this container or label.
 S51 Use only in well-ventilated areas.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

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16 OTHER INFORMATION

REVISION DATE 17/01/2011

REV. NO./REPL. SDS GENERATED 7

RISK PHRASES IN FULL

R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.