

BONDIT MDF KIT ACTIVATOR

01 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade Name	:BONDIT MDF KIT ACTIVATOR		
Company	: Akkim Yapı Kimyasalları San. Tic. ve A.Ş.		
Address	: Yeşilbayır Mah. Şimşir Sk. No:22 34555 Hadımköy İstanbul - TÜRKİYE		
Emergency Phone Number	: Tel.: +90 212 771 13 71 (pbx)	Fax: +90 212 771 49 39	
Mail/Web	: info@akkim.net	www.akkim.net	

02 HAZARDS IDENTIFICATION

2.1 Hazard description:

Xn Harmful
F+ Extremely flammable



2.2 Information concerning particular hazards for human and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.3 Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

03 COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of substances listed below with nonhazardous additions.

Ingredients	CAS No.	EINECS No.	Conc. (% w/w)	Classification
Heptane	142-82-5	205-563-8	80-90%	F; R 11 Xn; R 38 N; R 50/53
Butane	106-97-8	203-448-7	1-5%	F; R 12
Propane	74-98-6	200-827-9	1-5%	F; R 12
N,N,4-Trimethylaniline	99-97-8	202-805-4	1-5%	T; R23/24/25

04 FIRST AID MEASURES

4.1 General information: Respiratory, skin and eye disorders.

4.2 After inhalation: Central nervous system effects. Vapors and mists may cause headaches, nausea, dizziness, and respiratory tract irritation. Residue after evaporation is destructive to mucous membranes.

4.3 After skin contact: May cause irritation due to de-fatting of the skin. Redness. Residue after evaporation is destructive to skin.

4.4 After eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation. Residue after evaporation is destructive to eyes.

4.5 After swallowing: Ingestion may cause irritation to mucous membranes Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

05 FIRE FIGHTING MEASURES

5.1 Suitable extinguishing agents: Carbon dioxide, foam, and dry chemical.

5.2 Protective equipment: Water should be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

06 ACCIDENTAL RELEASE MEASURES

6.1 Person-related safety precautions: Ensure adequate ventilation.

6.2 Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

6.3 Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Additional information: No dangerous substances are released.

07 HANDLING AND STORAGE

7.1 Handling:

7.1.1 Information for safe handling: Use only in well ventilated areas.

7.1.2 Information about fire - and explosion protection: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mists. Wash thoroughly after handling. Use only with adequate ventilation.

7.2 Storage:

Keep in a cool, well-ventilated area. Store away from ignition sources. Keep container closed. Store below 49°C.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering controls: If general ventilation is insufficient to maintain vapor concentration below established exposure limits, use local exhaust ventilation.

8.2 Respiratory protection: If there is a potential to exceed exposure limits, use an approved respirator, (NIOSH). Respirator use is regulated.

8.3 Eyes / face protection: Safety glasses with side shields or chemical splash goggles.

8.4 Skin protection: Use chemical resistant, impermeable clothing including gloves and aprons to prevent contact.

09 PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Form : Aerosol.

Odour : Aliphatic hydrocarbon.

Colour : Clear, colourless.

Boiling Point / range: 96 - 98 °C.

Explosive properties : No

Specific Gravity : 1,06 – 1,08

VOC content: 99%; 680 grams

Ph: Not applicable

Oxidizing properties : No

10 STABILITY AND REACTIVITY

10.1 General information

Stability: Stable.

Hazardous polymerization: Will not occur.

Incompatibility: Acids, oxidizing agents.

Conditions to Avoid: Heat, sparks, and flames.

Hazardous decomposition products: No data available.

11 TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

Carcinogen Status

Hazardous component	NTP Carcinogen	OSHA Carcinogen	IARC Carcinogen
n-Heptane	No	No	No
Butane	No	No	No
Propane	No	No	No
N,N-Dimethyl-p-toluidine	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous component	Health Effects / Target Organ
n-Heptane	Irritant, Central nervous system
Butane	Cardiac, Central Nervous System, Irritant
Propane	Cardiac, Central Nervous System, Irritant

12 ECOLOGICAL INFORMATION

12.1 Environmental fate and distribution:

Solid material, insoluble in water. No adverse effects are predicted.

12.2 Ecotoxicity effects:

No adverse effects on aquatic organisms are predicted.

12.3 Bioaccumulation: No bioaccumulation potential.

12.4 Fate and effects in waste water treatment plants:

No adverse effects on bacteria are predicted.

13 DISPOSAL CONSIDERATIONS

13.1 Product disposal: Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

13.2 Packaging disposal: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14 TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)



ADR/RID class	: 2 5F Gases.
Danger code (Kemler)	: 23
UN-Number	: 1950
Packaging group	: II
Hazard label	: 2.1
Description of goods	: AEROSOLS

MATERIAL SAFETY DATA SHEET

(MSDS) According to EC Regulation 1907/2006/EEC and Subsequent Amendments

AKKIM

SEALANTS & ADHESIVES

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Maritime transport IMDG



IMDG Class	: 2.1
UN Number	: 1950
Label	: 2.1
Packaging group	: II
EMS Number	: F-D,S-U
Marine pollutant	: No
Proper shipping name	: AEROSOLS

Air transport ICAO-TI and IATA-DGR



ICAO/IATA Class	: 2.1
UN/ID Number	: 1950
Label	: 2.1
Packaging group	: II
Proper shipping name	: AEROSOL

15 REGULATORY INFORMATION

15.1 Risk Phrases

- R-12 : Highly flammable
R-38 : Irritating to skin
R-65 : May cause lung damage if swallowed.
R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.

15.2 Safety Phrases

- S-9 : Keep container in a well ventilated place
S-16 : Keep away from source of ignition. No smoking
S-23 : Do not breath vapours
S-25 : Avoid contact with eyes
S-33 : Take precautionary measures against static discharges

15.3 Special labeling of certain preparations:

Ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

16 OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS. The company supplying entity shall not be held responsible for any defect in the product covered by this MSDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

Department issuing MSDS: Product safety department.

Contact: Product safety department info@akkim.net