



**MSDS – MATERIAL SAFETY DATA SHEET
ASTRO ANTI GRAFFİTİ BOYALAR**

. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Astro Anti Graffiti Paint

Description of Product: For professional use as an anti-graffiti and anti fly poster protective coating.

Company name:

Astroflame Fireseals Ltd

. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients: Naphtha (Petroleum), hydrotreated heavy 45-75%

CAS: 64742-48-9

R10 Xn; R65 Xi; R66

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

4. FIRST AID MEASURES

Skin contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Do NOT use solvents or thinners.

Eye contact: Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

Inhalation: Remove to fresh air. If breathing has stopped apply artificial respiration. If unconscious, place in the recovery position and obtain medical attention. Give nothing by mouth.

Ingestion: If swallowed obtain immediate medical attention. Keep warm and at rest. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use alcohol resistant foam, carbon dioxide, dry chemicals or water spray. DO NOT USE WATER JET.

Exposure hazards: Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Decomposition products may be hazardous to health.

Protective equipment: Wear self contained breathing apparatus for fire fighting if necessary.

Product name: Astro Graffiti-Stopper System



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition. Ensure adequate ventilation.

Evacuate personnel to safe areas. See section 8 for personal protective equipment.

Environmental Precautions: Do not let product enter drains or water courses. Local authorities should be advised if significant spillages cannot be contained.

Clean-up methods: Contain and collect spillage with a non-combustible absorbent material (i.e. sand, earth). Transfer to suitable container for disposal. Clean the spillage area with detergent. Avoid the use of solvents.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapours. wear personal protective equipment Adopt best Manual Handling Operations when handling, carrying and dispensing. See section 8 for personal protective equipment.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperatures between 5 and 25 °C. Keep away from direct sunlight, sources of ignition and heat. Protect from frost. Keep in properly labelled containers. Do not store together with strong acids and oxidizing agents. Keep away from food, drink and animal feeding stuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls:

Ingredients	STD	TWA	STEL
		(8 hr)	(15 min)
Naphtha (Petroleum), hydrotreated heavy OEL		1000 mg/m ³	

Engineering measures: Ensure adequate ventilation, especially in confined areas. Where practicable this should be achieved using local exhaust ventilation and good general extraction.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection: Wear suitable protective gloves.

Eye protection: Wear goggles to BS EN 166 349B.

Skin protection: Wear cotton or synthetic overalls. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the



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product

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Viscous liquid Specific gravity: 0.9-1.5
Solubility in water: Partially miscible Vapour Density: Heavier than air
Explosion limits: Lower: 0.8% Upper: 8% Flashpoint: 32 - 55°C

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage and handling conditions. See section 7.

Conditions to avoid: Heat, sources of ignition and direct sunlight.

Materials to avoid: Avoid oxidising agents and strongly alkaline or acidic materials to prevent possibility of exothermic reaction.

Decomposition: Smoke, carbon monoxide and nitrogen oxides may be formed.

11. TOXICOLOGICAL INFORMATION

Toxicological data: There is no data available on the product itself.

Acute toxicity: Inhalation of high vapour concentrations can cause irritation of the mucous membrane and the respiratory system and the renal and Central Nervous System. Symptoms include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Corrosivity/irritation: Irritating to eyes. May cause irreversible eye damage.

Repeated dose toxicity: Repeated or prolonged skin contact may lead to defatting of the skin resulting in non-allergic contact dermatitis.

12. ECOLOGICAL INFORMATION

Ecological information: There is no data available on the product itself.

Naphtha (Petroleum), hydrotreated heavy LC50/96hr/Fish = >100 mg/kg

13. DISPOSAL CONSIDERATIONS

Method of disposal: Dispose of in accordance with local regulations. Classified as hazardous waste according to the Control of Pollution (Special Waste) Regulations 1980. The disposal of wastes arising from industrial premises is subject to The Environmental Protection (Duty of Care) Regulations 1991. Do not dispose of waste into sewer.

14. TRANSPORT INFORMATION



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ADR/RID – Transport by Road and Rail

UN number: 1263 **Packing group:** III
Class: 3 **Hazard ID:** 30
Proper Shipping Name: PAINT RELATED MATERIAL

IMDG/IMO – Transport by Sea

UN number: 1263 **Packing group:** III
Class: 3 **Marine Pollutant:** YES
EmS: F-E S-E

Product name: Astro Graffiti-Stopper System

IATA/ICAO – Transport by Air

UN number: 1263 **Packing group:** III
Class: 3 **Quantity:** 220L

Packing instructions: 310

15. REGULATORY INFORMATION

Labelling: 67/548/EEC The product is classified in accordance with Annex VI to Directive

Hazard symbols: Harmful



Risk phrases: R10: Flammable

R65: Harmful: may cause lung damage if swallowed



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R66: Repeated exposure may cause skin dryness or cracking

Safety phrases: S 2: Keep out of the reach of children.

S23: Do not breathe vapour or spray

S24: Avoid contact with skin

S43: In case of fire, use dry sodium carbonate.

**S61: Avoid release to the environment.
Refer to special instructions/safety data sheets.**

**S62: If swallowed, do not induce vomiting: seek medical advice
immediately and show this container or label.**

16. OTHER INFORMATION

Risk phrase text in full from the hazardous ingredients listed in Section 2:

R10: Flammable

R65: Harmful: may cause lung damage if swallowed

R66: Repeated exposure may cause skin dryness or cracking

Data sources:

This document has been compiled in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. Data sources used are Approved Supply List Seventh Edition, Approved Classification and Labelling Guide Fifth Edition, Approved Code of Practice: Safety data sheets for substances and preparations dangerous for supply Third Edition, EH40 2002, RTECS 2002, CDG 1999, IMDG Code 2002, ADR 2003 and IATA 2003.

Revisions:

This Safety Data Sheet has been provided to update the previous revision, number 1.4, dated May 2002.