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Astro-Valcour, Incorporated

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SCRATCH-FOAM
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MATERIAL SAFETY DATA SHEET

Section 1 name & product

name

(a)

agency phone no.

518/793-2524

street address

(c) 18 PECK AVENUE

for latest data

consult manufacturer

date this information

(d) 11/06/90

city, state, zip code

(e) GLENS FALLS, NY 12801

chemical name, trade name, and synonyms

(f) STANDARD POLYSTYRENE FOAM SHEET

formula of primary component(s)

(g) POLYSTYRENE (C₈H₈)_n

Section 2 ingredients -

SOME SPECIFIC CHEMICAL IDENTITIES BEING WITHHELD AS TRADE SECRETS, BUT WILL
BE REVEALED TO HEALTH PROFESSIONALS PER 29 CFR 1910.1200(C)Polystyrene Resin
N-Pentane
Nucleating Agents
Color ConcentrateTLV
(units)

None

600 PPM

None

None

* Blowing agents are fugitive and rapidly leave product after manufacture.

Section 3 physical data

(not specification values)

2 boiling point (°F)	N/A	6 specific gravity	0.03-0.04
3 vapor pressure (mmHg at 20°C)	N/A	7 % volatile by volume	Est. < 5%
4 vapor density (air=1)	N/A	8 color and odor	Varies, none
5 solubility in water	Insoluble	9 physical state	foamed plastic

Section 4 fire and explosion hazard data

10 flash point (and method used)

N/A

11 flammable limits (STP)

L.F.L. N/A

U.F.L. N/A

12 extinguishing

X water

X foam

alcohol

X CO₂

X dry

other

media:

fog

foam

chemical

13 special fire fighting protective equipment

AVOID DENSE SMOKE, USE PRESSURE DEMAND SELF-CONTAINED BREATHING APARATUS

14 unusual fire and explosion hazards

NONE

MATERIAL SAFETY DATA SHEET (page 2)

15 stability	normal	16 conditions to avoid
	conditions	STABLE
	fire	
	conditions	
17 incompatibility	water	acid
		base
		corrosive
		X oxidising material

materials to avoid other

18 hazardous decomposition products -

INCOMPLETE COMBUSTION COULD GENERATE CARBON MONOXIDE & OTHER POTENTIALLY DANGEROUS PRODUCTS

19 hazardous	may occur	20 conditions to avoid
polymerisation		N/A
	will not	
	occur	X

Section 6 health hazard data

oral ingestion -

UNLIKELY DUE TO PHYSICAL STATE, BUT POTENTIAL CHOKING HAZARD

22 eye contact -

SOLID OR DUST COULD CAUSE IRRITATION, BUT ONLY FROM MECHANICAL ABRASION

23 skin contact -

ESSENTIALLY NON-IRRITATING

24 skin absorption -

UNLIKELY DUE TO PHYSICAL STATE

25 inhalation (TLV or suggested control figure) -

IF DUST CREATED TREAT AS NUISANCE DUST

26 effects of overexposure -

NONE EXPECTED UNDER CONDITIONS OF NORMAL USE

27 first aid procedures -

FOLLOW NORMAL FIRST AID PROCEDURES SUCH AS THOSE RECOMMENDED BY THE RED CROSS

MATERIAL SAFETY DATA SHEET (page 3)

Section 7 spill or leak procedures

28 steps to take in case material is released or spilled -

TREAT & HANDLE AS INERT MATERIAL

29 disposal method -

DISPOSE AS WOULD ANY BASICALLY INERT MATERIAL, IN ACCORDANCE WITH STATE, FEDERAL & LOCAL REGULATIONS.

Section 8 special protection information

30 ventilation

local exhaust -

RECOMMENDED IF DUST CREATED

special

OVER THERMAL CUTTING OPERATIONS & TO CONTROL POTENTIAL FUGITIVE RELEASE OF RESIDUAL BLOWING AGENT FROM CUTTING & GRINDING OPERATIONS.

mechanical (general) - RECOMMENDED IN CONFINED STORAGE AREAS TO PREVENT BUILDUP OF BLOWING AGENT

other

31 respiratory protection (specify type)

NONE LIKELY TO BE NEEDED. FOR DUST USE NIOSH APPROVED PARTICULATE RESPIRATOR.

32 protective clothing -

NONE REQUIRED

33 eye

not normally necessary

X

safety glasses without side shields

safety glasses with side shields

chemical workers goggles

gas tight goggles or equivalent

other

34 other protective equipment

NONE REQUIRED

Section 9 special precautions or other comments

35 precautions to be taken in handling and storing -

THIS PRODUCT MAY CONTAIN TRACES OF FLAMMABLE BLOWING AGENT AND SHOULD BE STORED IN WELL VENTILATED AREAS TO PREVENT BUILDUP OF FLAMMABLE VAPORS. ALSO CONSIDER HUMIDITY CONTROL TO MAINTAIN RELATIVE HUMIDITY ABOVE 40% NEAR CUTTING & GRINDING OPERATIONS.

36 other precautions or comments -

THIS PRODUCT IS NOT CONSIDERED TO CONTAIN ANY TOXIC CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OR SARA TITLE III - 40 CFR372.

