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MATERIALSAFETYDATASHEET

For1Shot/ChromaticLiquidCoatingsandAssociatedLiquidMaterials

OneShot,LLC
A SpraylatCompany
5300W.5thAvenue
Gary,IN46406
(219)949-1684
Fax:(219)949-1612

e-mail HSEcoordinator@Spraylat.com

PREPAREDBY: Health,SafetyandEnvironmentalCoordinator

EMERGENCYPHONE:	**1-800-424-9300**	**Chemtrec**
INTERNATIONALTRANSPORTATIONACCIDENTS:	**1-703-527-3887**	**Chemtrec**

I.CHEMICALPRODUCTIDENTIFICATION

ProductName: **"1 SHOT®"PearlescentEnamels**(900-Pthr ough964-P)

DatePrinted: 08/21/01 Supercedes:AllPrevious
RevisionDate: 08/21/01

II.COMPOSITION/INFORMATIONONINGREDIENTS-*(EXPOSURELIMITS-SEESECTIONVIII)*

INGREDIENTNAME	CAS#	%
Stoddardsolvent	8052-41-3	<35
Mica	12001-26-2	<10
Titaniumdioxide	13463-67-7	<5
1,2,4-Trimethylbenzene	95-63-6	<5
LightAromaticSolventNaphtha	64742-95-6	<5
Xylene	1330-20-7	<5
1,3,5-Trimethylbenzene	108-67-8	<1
Ethylbenzene	100-41-4	<1
THEFOLLOWINGITEMSARECONTAINEDONLYINTHECOLORSSHOWNBELOW.		
CarbonBlack in948-P	1333-86-4	<1
Petroleum Spirits in950-	8032-32-4	<5
SolventNaphtha(petroleum),mediumaliphatici n904-P	64742-88-7	<5

III.HAZARDSIDENTIFICATION

	HMIS
HEALTH	2*
FLAMMABILITY	2
REACTIVITY	0

0=Least 1=Slight 2=Moderate 3=High 4=Extreme *=ChronicHealthEffects

RoutesofEntry: Inhalation,Absorption,Ingestion,Skincontact,Eyecontact.

MedicalConditionsAggravated: Eyedisease,Skindiseaseincludingeczemaandsensitization,Kidneydisease,Lungdisease,Liver disease,Digestivetractdisease.

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Immediate(Acute)HealthEffects:

Inhalation: Cancausemoderaterespiratoryirritation,dizziness,weakness,fatigue,nauseaandheadache. Inhalationofdustsproducedduringcutting,grindingorsandingofthisproductmaycause irritationoftherespiratorytract.Cancauseseverecentralnervoussystemdepression(including unconsciousness).

SkinContact: Cancausemoderateskinirritation, defatting,anddermatitis.Notlikelytocausepermanent damage.

EyeContact: Cancausemoderateirritation,tearingandreddening,butnotlikelytopermanentlyinjureeye tissue.Cancausemechanicalirritationifdustsaregenerated.

SkinAbsorption: Maycauseirritationandminorsystemicdamage.

Ingestion: Harmfulifswallowed.Maycausesystemicpoisoning.Cancauseabdominaldiscomfort,nausea, vomitinganddiarrhea.Aspirationofmaterialintothelungscancausechemical pneumonitis.

TargetOrganAcuteToxicity: Eyes,Skin,RespiratorySystem,Kidneys,NervousSystem,Blood,Liver,DigestiveTract,Thyroid, Pituitary,Testes .

Long-Term(Chronic)HealthEffects:

Inhalation: Uponprolongedand/orrepeatedexposure,cancausemoderaterespiratoryirritation,dizziness, weakness,fatigue,nauseaandheadache.

SkinContact: Uponprolongedorrepeatedcontact,cancausemoderateskinirritation,defatting,anddermatitis. Notlikelytocausepermanentdamage.

EyeContact: Uponprolongedorrepeatedcontact,cancausemoderateirritation,tearingandreddening,butnot likelytopermanentlyinjureeyetissue.Uponprolongedorrepeatedcontact,dustcontactcancause mechanicalirritation.

SkinAbsorption: Uponprolongedorrepeatedexposure,harmfulifabsorbedthroughtheskin.Maycausesevere irritationandsystemicdamage.

Carcinogenicity: IARC: Yes NTP: No OSHA: No

TargetOrganChronicToxicity: RespiratorySystem,NervousSystem,Eyes,Skin,Kidneys,Blood,Liver,DigestiveTract,Pituitary, Testes.

NOTICE-Reportshaveassociatedrepeatedandprolongedoccupationaloverexposuretosolvents withbrainandnervoussystemdamage.Intentionalmisusebydeliberatelyconcentratingand inhalingthecontentsmaybeharmfulorfatal.

Lifetimeinhalationexposureofratsandmicetohighconcentrationsof ethylbenzene(750ppm) resultedinincreasesincertaintypesofcancer,includingkidney,lungandlivertumors.Testicular adenomaswereincreasedaswerethyroideffectsinratsat750 ppm.Pituitaryeffectswere observedinfemalemiceat250 ppm.Theseeffectswereabsentwhenexposurewasbelow75 ppm ethylbenzene.Thestudydoesnotaddresstherelevanceoftheseresultstohumans.

Thisproductcontainspigmentswhichmaybecomeadustnuisancewhenremovedbyabrasive blasting,sandingorgrinding.

IV.FIRSTAID

Inhalation: Removetofreshair.Ifbreathingisdifficult,haveatrainedindividualadministeroxygen.Seek medicalattentionifsymptomspersist.

Eyes: Immediatelyflusheyeswithplentyofluke warmwaterforatleast20minutesretractingeyelids often.Tiltheheadtopreventchemicalfromtransferringtotheuncontaminatedeye.Getimmediate medicalattentionandmonitortheeyedailyasadvisedbyyourphysician.

SkinContact: Washwithsoapandwater.Removecontaminatedclothingandlaunder.Getmedicalattentionif irritationdevelopsorpersists.

Ingestion: Seekmedicaladviceimmediately.ProvideingredientsinformationfromSectionIIofthis MSDSto themedicalcareprovider.ContactyourlocalPoisonControlCenter(listedinthetelephonebook), ordialthelocal "Emergency"(911)numberforadditionalinformation.Donotinducevomiting unlessinstructedtodosobyaphysicianorothercompetentmedicalpersonnel.Nevergiveanything bymouthtoanunconsciousperson.

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V.FIREFIGHTINGMEASURES

FlammabilitySummary:

FlashPoint:	41 °C;	106 °F	
AutoignitionTemperature:	226 °C;	439 °F	
LowerFlammable/ExplosiveLimit,%inair:	0.9	**UpperFlammable/ExplosiveLimit,%inair:**	7.0

FireHazards: Vaporsmaybeignitedbyheat,sparks,flamesorothersourcesofignitionatorabovethelowflash pointgivingrisetoafire(ClassB).Vaporsareheavierthanairandmaytraveltoasourceofignition and flash back. This product, when dried or cured, may support combustion when subjected to sources ofignitionorheatinsufficientamount.

ExtinguishingMedia: Usealcoholresistantfoam,carbondioxide,drychemical,orwaterspraywhenfightingfires.Wateror foammaycausefrothingifliquidisburningbutitstillmaybeausefulextinguishingagentif carefullyappliedtothefire.Donotdirectawaterstreamdirectlyintothehotburningliquid.

FireFightingInstructions: Donotenterfireareawithoutproperprotectionincludingself-containedbreathingapparatusandfull protectiveequipment.Fightfirefromasafedistanceandaprotectedlocationduetothepotentialof hazardousvaporsanddecompositionproducts.Flammablecomponent(s)ofthismaterialmaybe lighterthanwaterandburnwhilefloatingonthesurface.Usewaterspray/fogforcooling.

HazardousCombustionProducts: Carbondioxide,Carbonmonoxide,Toxicfumes.

VI.ACCIDENTALRELEASEMEASURES

HealthConsiderationforSpillResponse: Exposuretothespilledmaterialmaybeirritatingorharmful.Followpersonalprotectiveequipment recommendationsfoundinSectionVIIIofthis MSDS.Additionalprecautionsmaybenecessarybased onspecialcircumstancescreatedbythespillincluding:thematerialspilled,thequantityofthespill, andtheareainwhichthespilloccurred.Alsoconsidertheexpertiseofemployeesintheirarea respondingtothespill.Evaporationofvolatilesubstancescanleadtothedisplacementofaircreating anenvironmentthatcancauseasphyxiation.

SpillMitigationProcedures:

GeneralMethods: Preventthespreadofanyspilltominimizeharmtohealthandtheenvironmentifsafetodoso.Wear properpersonalprotectiveequipmentfollowingtherecommendationsofSectionVIII.Dikewith suitableabsorbentmaterialliketgranulatedclay.Gatherandstoreinasealedcontainerpendinga wastedisposalevaluation.

AirRelease: Ventilatetheareabyopeningdoorand/orturningonfansandblowers.

WaterRelease: Avoidrunoffintostormsewersandditchesthatleadtowaterways.Ifrunoffoccurs,notifyproper authoritiesasrequired,thataspillhasoccurred.

LandSpills: Avoidrunoffintostormsewersandditchesthatleadtowaterways.

VII.HANDLINGANDSTORAGE

Handling: Harmfulorirritating;avoidoverexposuretothematerial.Useonlyinawellventilatedarea.Aswith allchemicals,goodindustrialhygienepracticesshouldbefollowedwhenhandlingthismaterial. Do notgetineyes,onskinandclothing.Minimizedustgenerationandaccumulation.Groundandbond containerswhentransferringmaterial."Empty"containersretainproductresidue(liquidand/or vapor)andcanbedangerous.Usespark-prooftoolsandexplosion-proofequipment.Remove contaminatedclothingandwashbeforereuse.

Storage: Storeinacooldryplace.Isolatefromincompatiblematerials.Keepcontainerclosedwhennotinuse. Keepawayfromsourcesof ignition.

VIII.ENGINEERINGCONTROLS ,PERSONALPROTECTIVEEQUIPMENTANDEXPOSURELIMITS

EngineeringControls: Localexhaustventilationorotherengineeringcontrolsarenormallyrequiredwhenhandlingorusing thisproducttoavoidoverexposure.SeetableattheendofthisSectionVIIIbelowforexposure limits. Useprocessenclosures,localexhaustventilation,orotherengineeringcontrolstocontrol airbornelevelsbelowrecommendedexposurelimits.Engineeringcontrolsmustbedesignedtomeet anyrelevant OSHAchemicalspecificstandardsin29 CFR1910.Explosionproofexhaustventilation shouldbeused.

ProtectiveEquipment:

RespiratoryTract: Ifgeneralorlocalexhaustventilationisnotavailableorsufficienttoreduceexposuretobelow acceptablelevels,thenrespiratoryprotectionisrequiredtoavoidoverexposurewhenhandlingthis product.

Eyes: Wearsafetyglasseswithsideshieldswhenhandlingthisproduct.Whenthepossibilityexistsfor eyecontactwithsplashingorsprayingliquid,orairbornematerial,wearadditionaleyeprotection suchaschemicalsplashgogglesand/orfaceshield.Donotwearcontactlenses.Haveaneyewash stationavailable.

Skin: Wearprotectivegloves.Inspectglovesforchemical break-throughandreplaceatregularintervals. Cleanprotectiveequipmentregularly.Washhandsandotherexposedareaswithmildsoapand waterbeforeeating,drinking,andwhenleavingwor k.

ProtectiveClothing: Wearchemicallyresistantglovesandapron.(Consultyoursafetyequipmentsupplier).

CHEMICALNAME	CAS#	ACGIH TLV	OSHA PEL	IDLH
1,2,4-Trimethylbenzene	95-63-6	No TLV	No PELestablished	Notdetermined.
1,3,5-Trimethylbenzene	108-67-8	No TLV	No PELestablished	Notdetermined.
Ethylbenzene	100-41-4	100 ppm TWA 125 ppm STEL	100 ppm TWA;435 mg/m3 TWA	800 ppm IDLH(10percentlower explosivelimit)
LightAromaticSolvent Naphtha	64742-95-6	No TLV	No PELestablished	Notdetermined.
Mica	12001-26-2	3 mg/m3 TWA(this TLVisforthe respirablefractionofdustforMica)'for particulatemattercontainingnoasbestos and<1%crystallinesilica	RespirableDust:20 mppcf	1500 mg/m3 IDLH
PetroleumSpirits	8032-32-4	300 ppm TWA	No PELestablished	Notdetermined.
SolventNaphtha(petroleum), mediumaliphatic	64742-88-7	No TLV	No PELestablished	Notdetermined.
Stoddardsolvent	8052-41-3	100 ppm TWA	500 ppm TWA;2900 mg/m3 TWA	20,000 mg/m3 IDLH
Titaniumdioxide	13463-67-7	10 mg/m3 TWA	15 mg/m3 TWA(totaldust)	Potential NIOSHcarcinogen.
Xylene	1330-20-7	100 ppm TWA 150 ppm STEL	100 ppm TWA;435 mg/m3 TWA	900 ppm IDLH

IX.PHYSICALDATA

Appearance: Liquid.
pH: N/A
Octanol/Water Coeff: NotDetermined.
SolubilityinWater: Minimal.
VaporDensity: Heavierthanair.Vaporsthatevolvefromthisproductwilltendtosettleandaccumulatenearthe floor.
EvaporationRate: Slowerthan n-ButylAcetate.
Density: 8.2 lb/gal
V.O.C.* 3.3 lb/gal

* The VOCcontentisdeterminedbyusingapercentsolidsbasis,lesswaterandexemptsolvents,foradhesives,coatingsandinksandthecalculationsofEPAReferenceMethod24or equivalentASTMmethodapprovedbytheexecutiveoffice.

InitialBoilingPoint 154 °C; 309 °F
InitialFreezingPoint N/A

X.STABILITYANDREACTIVITY

StabilityInformation: Stableundernormalconditions.
ConditionstoAvoid: Contamination.Temperaturesaboveflashpointincombinationwithsparks,openflames,orother sourcesofignition.
ChemicalIncompatibility: Strongoxidizingagents,Chlorine.
HazardousDecompositionProducts: Carbondioxide,Carbonmonoxide,Toxicfumes .

XI.TOXICOLOGICALINFORMATION

ChemicalName	LD50/LC50
Ligroine	Inhalation LC50Rat:3400 ppm/4H
Benzene, 1,2,4-trimethyl-	Inhalation LC50Rat:18 gm/m3/4H;OralLD50 Rat:5gm/kg
Xylene	Inhalation LC50Rat:5000 ppm/4H;Oral LD50Rat:4300mg/kg;Dermal LD50Rabbit:>1700mg/kg
Mesitylene	Inhalation LC50Rat:24 gm/m3/4H
Benzene,ethyl-	Oral LD50Rat:3500mg/kg;Dermal LD50Rabbit:17800 uL/kg

XII.ECOLOGICALINFORMATION

Overview: Careshouldbetakentominimizereleasesofanyindustrialchemicalstotheenvironment.

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XIII.DISPOSALCONSIDERATIONS

WasteDescriptionforSpentProduct: Spentordiscardedmaterialisahazardouswaste.Thewasteisignitable.

DisposalMethods : InformationinthisMSDSisprovidedonlyasaguide.Consultwithcompetentauthorityto determineproperwastedisposalprocedures.Cleanupanddisposeofwasteand clean-upmaterials inaccordancewithallfederal,state,andlocalenvironmentalregulations.

SomeComponentsPossiblySubjectedtoUSEPA LandDisposalRestrictions:

Whendisposingofunusedproductsoranywaste,thepreferredoptionsaretosendtoalicensed reclaimerortopermittedincinerators.Theremaybesomeotheringredientssubjectto LDRcategories.

Xylenes(o-,m-,p-isomers)	1330-20-7
Ethylbenzene	100-41-4

XIV.TRANSPORTATIONINFORMATION

Agency	BasicDescriptionandLabel
DOT	Paint,3,UN1263,PGIII

HazardousSubstance

Xylenes(isomersandmixture)	finalRQ =100pounds(45.4kg);alsolistedasXylene; alsolistedas Xylene(mixed);alsolistedasBenzene, dimethyl-
Ethylbenzene	finalRQ =1000pounds(454kg)

XV.REGULATORYINFORMATION

Regulation

SARA313Reportable:	1,2,4-Trimethylbenzene,Xylene(mixedisomers),Ethylbenzene.
TSCAInventory:	Allcomponentsofthisproductarelistedin,orexemptfrom,the TSCA8(b)Inventory.
M.S.D.S.ReportableHAP(s) :	Xylenes(isomersandmixture),Ethylbenzene .
CaliforniaProposition65:	CALIFORNIASAFEDRINKINGWATERANDTOXICENFORCEMENTACTOF1986-Proposition65:"WARNING:This productcontainschemical(s)knowntotheStateofCaliforniatocausecancerand/orbirthdefectsorotherreproductiveharm."

XVI.ADDITIONALINFORMATION

Major References: VENDOR'S MSDS's,PAINT&COATINGSHANDBOOK,EPA'sLISTOFLISTS,ANDOTHERPUBLISHEDMATERIALS.

IMPORTANT: *WHILETHEDESCRIPTIONS,DATAANDINFORMATIONCONTAINEDHEREINAREPRESENTEDINGOODFAITHANDBELIEVEDTOBEACCURATE,THEYARE PROVIDEDFORYOURGUIDANCEONLY.BECAUSEMANYFACTORSMAYAFFECTPROCESSINGORAPPLICATION/USE,WERECOMMENDTHATYOUPERFORMA NASSESSMENTTO DETERMINETHESUITABILITYOFAPRODUCTFORYOURPARTICULARPURPOSEPRIORTOUSE.NOWARRANTIESOFANYKIND,EITHEREXPRESSEDORIMPLIED,INCLUDING FITNESSFORAPARTICULARPURPOSE,AREMADEREGARDINGPRODUCTSDESCRIBED,DATAORINFORMATIONSETFORTH.INNOCASESHALLTHEDESCRIPTIONS, INFORMATION,ORDATAPROVIDEDBECONSIDEREDAPARTOFOURTERMSANDCONDITIONSOFSALE.FURTHER,THEDESCRIPTIONS,DATAANDINF ORMATIONFURNISHED HEREAREGIVENGRATIS.NOOBLIGATIONSNORLIABILITIESFORTHEDESCRIPTION,DATAANDINFORMATIONGIVENAREASSUMED.ALLSUCHBEINGGIVENANDACCEPTEDAT YOURRISK.*